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The Shenandoah Nurseries

(LAKES)

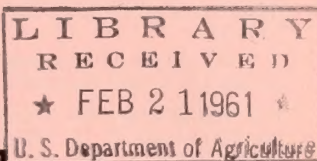
Shenandoah, Iowa

BULLETIN NO. 1

WITH GRADE COUNTS



February 17, 1961



ORDER TODAY
LONG DISTANCE PHONES
406 - 407

A DEPENDABLE SOURCE FOR QUALITY NURSERY STOCK
FOR 90 YEARS

TERMS AND CONDITIONS OF SALE

TERMS—1% discount for cash if paid on or before 10th of month following date of invoice and is due **NET 30** days thereafter.

Cash security, or satisfactory reference is required from parties unknown to us. Orders to be sent C. O. D. should be accompanied by one-fourth cash. Interest charged on past due accounts.

PRICES—EXCEPTING PATENTED ITEMS. Fruit Trees, Shade Trees, Shrubs, Roses, Evergreens, Vines and Perennials (including Peonies and Lilies) as follows:

300 or more take 1000 rates where published.

30 to 300 take 100 rates where published.

Under 30 take 10 rates.

PATENTED ITEMS — See individual headings.

All grades and varieties in any one class (except Patented Varieties) are allowed to make up total. Example: All kinds of fruit trees will be considered as one class and all varieties of shrubs as one class, etc.

SMALL FRUITS, HEDGING, PRIVET and LINING OUT STOCK

300 of same variety and grade take 1000 rates.

Under 300 of same variety and grade take 100 rates.

BROKEN LOTS—The wholesale prices in this list apply only on Wholesale Quantities. Orders should call for **TEN OF A KIND** and size, and beyond that for multiples of ten. **ORDERS FOR BROKEN LOTS CANNOT BE ACCEPTED.**

NOTICE — The prices named in this list cancel all previous lists and are **SUBJECT TO CHANGE WITHOUT NOTICE.** All sales and contracts are made subject to crop condition and on condition that same shall be void should injury befall our stock from hail, fire, frost, error in count or other causes beyond our control.

All orders are accepted without liability for non-performance if labor shortages or delay in transportation should prevent us from making delivery.

SHIPPING—We request customers to give definite shipping instructions regarding manner in which they wish goods shipped. In the absence of special instructions we use our best judgment, but without assuming responsibility.

ALL SHIPMENTS TRAVEL AT RISK AND EXPENSE OF PURCHASER.

TRUCK DELIVERY—We are able to give truck service on full loads to many points at equal or lower than local freight rates. This means delivery to your door. Some customers prefer to employ their own trucks which is satisfactory; but in this case, we will appreciate two or three days advance notice—giving us ample time to have your stock ready for loading.

PACKING—No charge for packing bulk cars. Bales and boxes will be charged actual cost of material and labor used.

CLAIMS—For any cause must be made promptly upon receipt of goods. We will not entertain claims after goods have been accepted, or when report is not made in writing within ten days after arrival of stock.

GUARANTEE—We give no warranty, expressed or implied, as to life, description, quality, productiveness, or any other matter of any nursery stock, seeds or plants that we sell and will not be in any way responsible for the results secured in transplanting. It is mutually agreed that our total liability for any errors, should stock prove untrue to name as labeled, shall be limited upon satisfactory proof, to our replacing free or refunding purchase price.



THE SHENANDOAH NURSERIES

D. S. LAKE, President



FRUIT TREE STOCKS

Per 100 Per 1000

MALUS

Apple Seedlings, Washington grown.

10000	No. 1, 3/16 to ¼ in., branched	\$ 4.30	\$ 38.00
10000	No. 1, 3/16 in. and up, straight	4.70	42.00
3000	No. 2, 2/16 to 3/16 in., branched	3.50	30.00
3000	No. 2, 2/16 to 3/16 in., straight	3.50	30.00

PRUNUS

Mahaleb, Mahaleb Cherry Seedlings.

5000	¼ in. and up	4.50	40.00
3000	No. 1, 3/16 to ¼ in.	4.30	38.00
2000	No. 2, 2/16 to 3/16 in.	3.50	30.00

Mazzard, Mazzard Cherry Seedlings.

5000	¼ in. and up	4.70	42.00
3000	No. 1, 3/16 to ¼ in.	4.30	38.00
2000	No. 2, 2/16 to 3/16 in.	3.50	30.00

PYRUS

Bartlett Pear Seedlings, Washington grown.

5000	¼ in. and up, branched	4.70	42.00
5000	¼ in. and up, straight	4.70	42.00
3000	No. 1, 3/16 to ¼ in., branched	4.30	38.00
3000	No. 1, 3/16 to ¼ in., straight	4.30	38.00
2000	No. 2, 2/16 to 3/16 in. branched	3.50	30.00
2000	No. 2, 2/16 to 3/16 in. straight	3.50	30.00

Please note that calipers shall govern the size of fruit trees. The height given below represents the average height of most varieties.

All Fruit Trees are tied: 11/16 and 9/16, 10; 7/16 and 5/16, 20 per bundle.

APPLE and CRAB

		Per 10	Per 100	Per 1000
Standard First Class, 5 ft. and up, 1 in. and up	-----	\$11.00	\$100.00	\$950.00
Standard First Class, 4½ ft. and up, 11/16 to 1 in.	-----	9.50	90.00	850.00
Standard First Class, 4 ft. and up, 9/16 to 11/16 in.	-----	8.50	80.00	750.00
Standard First Class, 3 ft. and up, 7/16 to 9/16 in.	-----	6.50	60.00	550.00
Standard First Class, 2 ft. and up, 5/16 to 7/16 in.	-----	4.00	35.00	300.00
		1" 11/16" 9/16" 7/16" 5/16"		
Anoka	-----	480	1300	200 50 ----
Baldwin	-----	1000	400	100 ----
Beacon	-----	150	1500	200 100 50
Cortland	-----	140	500	90 250 100
Delicious Dark Red	-----	300	9000	2500 300 370
Delicious Yellow	-----	90	9000	2000 600 240
Duchess Dark Red	-----	-----	90	200 200 130
Early Harvest	-----	30	200	260 80 ----
Fireside	-----	570	1100	320 70 60
Grimes Golden	-----	250	2000	500 150 170
Haralson	-----	-----	370	1270 340
Hawkeye Greening	-----	50	290	40 ----
Hibernal	-----	60	1150	360 180 ----
Hyslop	-----	400	520	60 50 ----
Idared	-----	-----	800	600 200 ----
Joan	-----	110	200	50 ----
Jonathan Dark Red	-----	110	3100	360 530 480
Lodi	-----	-----	450	140 70 ----
Maiden Blush	-----	90	180	40 ----
McIntosh Dark Red	-----	800	1600	400 100 260
McIntosh Early	-----	280	200	80 ----
Minjon	-----	-----	240	70 80 ----
Monroe	-----	-----	100	150 70 ----
Northern Red Spy	-----	160	920	140 90 ----
Northwest Greening	-----	400	1000	120 50 40
Red June	-----	50	1120	490 230 90
Redwell	-----	-----	150	40 40 ----
Rhode Island Greening	-----	-----	100	-----
Roman Stem	-----	-----	100	40 ----
Rome Beauty Red	-----	-----	80	-----
Sharon	-----	50	180	40 40 ----
Stayman Dark Red	-----	140	1200	900 100 ----
Tolman Sweet	-----	70	180	40 ----
Turley	-----	280	1000	200 80 ----
Victory	-----	100	100	40 ----
Virginia	-----	200	1000	180 60 ----
Wealthy	-----	150	2600	740 300 60
Whitney	-----	-----	2100	460 200 60
Winesap Dark Red	-----	-----	420	380 100 60
Yellow Transparent	-----	60	2200	160 100 100

APPLE

New and Patented Varieties

CONNELL RED

Plant Patent No. 1602

Early bearing Red Sport of Fireside. Smooth round fruit of dark red, clings well until late harvest. Sub-acid flavor excellent for dessert, sauce and salad. Stores well.

		10-29	30-99	100-up
		Each	Each	Each
460	5 ft. and up, 1 in. and up	\$ 2.10	\$ 1.90	\$ -----
480	4½ ft. and up, 11/16 in. and up	1.65	1.50	1.40
100	4 ft. and up, 9/16 to 11/16 in.	1.35	1.20	1.12
SUGGESTED RETAIL		EACH	Per 3	Per 12
			Each	Each
11/16 in.		\$ 3.00	\$ 2.75	\$ 2.50
9/16 in.		2.50	2.25	2.00
				Per 100
				Each
				Per 500
				Each

JONADEL

Tree resembles Jonathan in form and character. Fruit larger than Jonathan, bright red, smooth and good handling quality. Flesh is firm, crisp and juicy. Flavor milder than Jonathan but more acid than Delicious.

		Per 10	Per 100
		Each	Each
200	5 ft. and up, 1 in. and up	\$ 1.25	\$ 1.20
400	4½ ft. and up, 11/16 in. and up	1.10	1.00
100	4 ft. and up, 9/16 to 11/16 in.	.90	.80
140	3 ft. and up, 7/16 to 9/16 in.	.70	.65
60	2 ft. and up, 5/16 to 7/16 in.	.60	.55

APPLE — DWARF

Dwarfing stock is Malling No. 2, 7 and 9. Order desired understock or we will ship any available and indicate type booked.

ONE YEAR		Per 10	Per 100
4	ft. and up, 11/16 in. and up	\$19.00	\$175.00
3½	ft. and up, 9/16 to 11/16 in.	16.50	150.00
2½	ft. and up, 7/16 to 9/16 in.	14.00	125.00
2	ft. and up, 5/16 to 7/16 in.	10.00	90.00
		11/16"	9/16"
Anoka		280	200
Beacon			140
Delicious Dark Red		600	110
Delicious Yellow		1260	1200
Fireside		180	40
Jonathan			480
Stayman Dark Red			2600
Yellow Transparent		120	40
			5/16"
			50
			150
			450
			380
			40
			1200
			150
			470

APPLE — QUINTUPLET

Our 5-N-1 Apple are budded to a strong two-year graft and then grown another full year to producing a strongly branched tree of five varieties. Following varieties.

	Delicious Dark Red	Stayman Dark Red	Yellow Delicious	Delicious	
	McIntosh Dark Red		Yellow Transparent		
			Per 10	Per 100	Per 1000
2300	Three Years, 1 in. and up		\$25.00	\$225.00	\$2000.00
1200	Three Years, 11/16 to 1 in.		20.00	185.00	1600.00
250	Three Years, 9/16 to 11/16 in.		18.00	165.00	-----

Available on either Beacon, Fireside or Yellow Delicious

APPLE — SEMI-DWARF

Delcon, truly a semi-dwarf tree of height to 12 feet. Produced by the Missouri State Experimental Station. Combines the Jonathan and Delicious flavor in a full sized, dark red fruit. Hardiness similar to Red Delicious.

		Per 10	Per 100	Per 1000
170	1 in. and up.....	\$16.50	\$150.00	\$.....
1300	11/16 in. and up.....	13.50	120.00	1100.00
200	9/16 to 11/16 in.....	10.00	90.00	850.00
100	7/16 to 9/16 in.....	7.50	70.00	650.00
60	5/16 to 7/16 in.....	5.50	50.00	.....

APRICOTS

		Per 10	Per 100	Per 1000
3	ft. and up, 9/16 to 11/16 in.....	\$11.00	\$.....	\$.....
2½	ft. and up, 7/16 to 9/16 in.....	7.50	70.00	.....
2	ft. and up, 5/16 to 7/16 in.....	5.00	45.00	.....
		11/16"	9/16"	7/16"
Chinese Early Golden	.....	90	800	500
Superb	.....	.....	60	70

CHERRY — SWEET

ONE and TWO YEAR. Please specify.

		Per 10	Per 100
4½	ft and up, 11/16 in. and up.....	\$16.50	\$150.00
4	ft. and up, 9/16 to 11/16 in.....	14.00	125.00
3	ft. and up, 7/16 to 9/16 in.....	11.00	100.00
2	ft. and up, 5/16 to 7/16 in.....	8.50	80.00
		11/16"	9/16"
Governor Wood	.....	240	440
Kansas Sweet	.....	40	190
Yellow Spanish	.....	180	150

CHERRY — IMPROVED BESSEY

Prunus besseyi Improved. Referred to as Hansen Bush Cherry. The fruit is large and sweet and shaped like a plum. Very hardy, and bears well in poor soil. Will bear fruit the first year planted.

		Per 10	Per 100	Per 1000
260	2 to 3 ft. transplants.....	\$ 4.00	\$ 35.00	\$300.00
2600	12 to 18 in. transplants.....	3.00	25.00	200.00
1400	9 to 12 in.....	2.50	20.00	150.00

NECTARINE

		Per 10	Per 100
4½	ft. and up, 11/16 in. and up.....	\$12.00	\$.....
			11/16"
Hunter	.....		100
Surecrop	.....		230

PEAR — STANDARD

TWO YEAR		Per 10	Per 100	Per 1000
5 ft. and up, 7/8 in. and up.....		\$13.50	\$120.00	\$ -----
4½ ft. and up, 11/16 to 7/8 in.....		11.00	100.00	900.00
4 ft. and up, 9/16 to 11/16 in.....		9.00	85.00	800.00
3 ft. and up, 7/16 to 9/16 in.....		7.50	70.00	-----
2 ft. and up, 5/16 to 7/16 in.....		5.00	45.00	-----
	1" 11/16" 9/16" 7/16" 5/16"			
Bantam	80	350	200	140
Bartlett		100	270	180
Beurre de Anjou	110	110	70	---
Clapp Favorite		150	90	---
Douglas	1080	870	230	---
Golden Spice	120	400	60	---
Kieffer	1150	660	360	150 60
Orient	30	370	40	---
Seckel	1070	880	480	330

PEAR — DWARF

TWO YEAR		Per 10	Per 100
4½ ft. and up, 7/8 in. and up.....		\$22.50	\$200.00
4 ft. and up, 11/16 in. and up.....		19.00	175.00
3½ ft. and up, 9/16 to 11/16 in.....		16.50	150.00
3 ft. and up, 7/16 to 9/16 in.....		14.00	125.00
2 ft. and up, 5/16 to 7/16 in.....		11.00	100.00
	7/8" 11/16" 9/16" 7/16" 5/16"		
Bartlett	270	470	1900 500
Beurre de Anjou	30	400	100
Clapp's Favorite	680	200	70 110

QUADRUPLET PEAR

Our 4-N-1 Pear are Shenandoah grown, budded to two year buds and then grown another year, producing a nice branched tree. Following varieties. Bartlett, Clapp Favorite, Douglas, Kieffer or Seckel. Available on Kieffer or Seckel.

	Per 10	Per 100	Per 1000
80 Three Years, 9/16 to 11/16 in.....	\$14.00	\$125.00	\$ -----
600 Three Years, 7/16 to 9/16 in.....	11.00	100.00	900.00
160 Three Years, 5/16 to 7/16 in.....	8.50	80.00	-----

PLUM
AMERICAN and HARDY HYBRIDS
 (On Native Roots)

ONE YEAR, All branched.		Per 10	Per 100	Per 1000
4½ ft. and up, 11/16 in. and up.....		\$11.00	\$100.00	\$ -----
4 ft. and up, 9/16 to 11/16 in.....		9.00	85.00	-----
3 ft. and up, 7/16 to 9/16 in.....		7.50	70.00	-----
2 ft. and up, 5/16 to 7/16 in.....		5.00	45.00	-----
	11/16" 9/16" 7/16" 5/16"			
Ember	200	60	---	---
Golden Rod	130	280	150	140
Opata			70	---
Sapa		50	90	130
Toka	140	---	---	---

SMALL FRUITS AND MISCELLANEOUS GARDEN PLANTS

ASPARAGUS, Tied 25 per bundle.

Mary Washington

		Per 100	Per 1000
50000	2 yr. No. 1	\$ 3.30	\$ 30.00
75000	1 yr. No. 1	2.25	20.00

BLACKBERRY, Tied 25 per bundle.

Early Harvest, very early.

250	No. 1	6.50	60.00
Ebony King, new, hardy, heavy producer.			
2400	No. 1	15.00	120.00

BOYSENBERRY

5400	Thornless, tip plants	8.00	70.00
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CURRENT, Tied No. 1, 25; No. 2, 50 per bundle.

Red Lake, light red berries in long clusters. Thrifty and extremely productive.

500	2 yr. No. 1	24.00	200.00
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GOOSEBERRY, Tied 25 per bundle.

Pixwell, large red fruit borne on long stems. Vigorous grower. Very hardy.

300	2 yr. No. 1	40.00	---
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GRAPE VINES, Tied; 2 yr. No. 1, 50; 2 yr. No. 2, 100 per bundle.

Caco, red, large fruit, delicious spicy flavor. Bears young, heavily and regularly. Ripens September first.

1200	1 yr. No. 1	21.00	180.00
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Concord, black. Large bunches of tender, juicy fruit.

1900	2 yr. No. 1	21.00	180.00
4200	1 yr. No. 1	17.00	140.00

Delaware, red. Early. Small bunches and berries.

1300	2 yr. No. 1	27.00	240.00
1000	1 yr. No. 1	21.00	180.00

Fredonia, black. Early. Three weeks ahead of Concord. Large clusters of deliciously flavored fruit. Vigorous and hardy.

150	2 yr. No. 1	24.00	---
250	1 yr. No. 1	19.00	---

Moore Early, black.

380	2 yr. No. 1	24.00	200.00
500	1 yr. No. 1	19.00	160.00

Niagara, white. Tangy, flavorful fruit. Large bunches.

350	2 yr. No. 1	24.00	200.00
1500	1 yr. No. 1	19.00	160.00

SMALL FRUIT AND MISCELLANEOUS GARDEN PLANTS—Continued

	Per 100	Per 1000
HORSERADISH		
Crowns	\$ 8.00	\$ 75.00
Cuttings	4.50	40.00
RASPBERRY, Tied 25 per bundle.		
Blackhawk, new hybrid black, originated by Iowa State College. Large, juicy, and rich flavor.		
1900 No. 1 tips	14.00	120.00
Cumberland, black cap, large and juicy.		
10000 No. 1 tips	7.00	65.00
Indian Summer, large high-quality, everbearing red.		
2400 No. 1 suckers	9.00	85.00
Latham, late, large, productive red.		
1000 No. 1 suckers	8.50	80.00
Morrison, new black cap. Larger than Cumberland. Vigorous and disease resistant.		
2900 No. 1 tips	8.00	70.00
Sodus, late, very large purple raspberry. Extremely productive.		
1000 No. 1	8.50	80.00

RHUBARB

Chipman Canada Red, sweet and excellent flavor. Stem dark red throughout.		
	Per 10	Per 100
300 No. 1 division	\$ 4.50	\$ 40.00
Victoria, whole root.		
	Per 100	Per 1000
4300 2 yr. 1½ in. and up	\$11.00	\$100.00
20000 2 yr. 1 to 1½ in.	8.00	75.00
34000 1 yr. ¾ to 1 in.	6.50	60.00
35000 1 yr. ½ to ¾ in.	4.50	40.00

Nut, Ornamental and Shade Trees

Our nut, shade and ornamental trees are first class, well shaped, young and vigorous. They have been grown from seedlings transplanted into the nursery row especially for this purpose, and from buds or grafts.

All calipers are taken 6 inches above the collar. Size listed following the name is considered average mature size normally attained.

Per 10 Per 100 Per 1000

ACER

platanoides. Norway Maple. 90 feet. Zone 4.

Forms a round head with large, deep green leaves. Yellow fall foliage. Very hardy and transplants easily.

120	4 to 5 ft., whips	\$ 5.50	\$ 50.00	\$ ----
80	5 to 6 ft., whips	7.50	70.00	----
150	6 to 7 ft., whips	9.00	85.00	----
30	7 to 8 ft., whips	10.00	90.00	----
100	5 to 6 ft. branched	19.00	175.00	----
80	6 to 8 ft., branched	28.00	250.00	----
120	8 to 10 ft., branched	32.50	300.00	----
300	1¼ to 1½ in. cal.	40.00	375.00	----
570	1½ to 1¾ in. cal.	50.00	475.00	----
290	1¾ to 2 in. cal.	60.00	575.00	----

platanoides Crimson King. Crimson King Maple. Pat. No. 735. Zone 5.

Hardy, improved form of Schwedler Maple. Leaves are deep purplish red throughout entire spring and summer.

		10-49	50-99
		each	each
120	4 to 5 ft., whips	\$ 1.60	\$ 1.45
30	5 to 6 ft., whips	2.10	1.80
50	6 to 7 ft. whips	2.60	2.30
70	7 to 8 ft., whips	3.15	2.85

platanoides Faassen Redleaf. Faassen Redleaf Maple. Zone 5.

A red-leaf Maple that retains its color throughout the summer months. Similar to Crimson King but without patent.

		Per 10	Per 100	Per 1000
80	4 to 5 ft., whips	\$14.00	\$125.00	\$ ----
150	5 to 6 ft., whips	16.00	150.00	----
90	6 to 7 ft., whips	22.50	200.00	----
70	7 to 8 ft., whips	27.00	230.00	----
80	5 to 6 ft., branched	32.50	300.00	----
360	6 to 8 ft., branched	45.00	425.00	----
70	8 to 10 ft., branched	60.00	575.00	----

platanoides Schwedler. Schwedler Maple. 40-50 feet. Zone 5.

Perfectly shaped tree with purplish red leaves in spring and early summer, turning to yellow in autumn.

		Per 10	Per 100	Per 1000
160	4 to 5 ft., whips	\$11.00	\$100.00	\$ ----
170	5 to 6 ft., whips	15.50	140.00	----
170	6 to 7 ft., whips	19.00	175.00	----
60	7 to 8 ft., whips	22.00	200.00	----
170	5 to 6 ft., branched	22.50	200.00	----
80	6 to 8 ft., branched	30.00	275.00	----
40	8 to 10 ft., branched	35.00	325.00	----

platanoides variegatum. Silver Variegated Norway Maple. 90 feet. Zone 4.

Popular Norway Maple form with white splotched leaves.

40	5 to 6 ft., branched	28.00	250.00	----
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rubrum. Red Maple. 120 feet. Zone 4.

A fast growing tree producing conspicuous red flowers in early spring and brilliant red leaves early in fall.

180	6 to 8 ft. branched	32.50	300.00	----
10	8 to 10 ft., branched	42.50	400.00	----

NUT, ORNAMENTAL and SHADE TREES—Continued

ACER—Continued

saccharinum. Silver Maple. 120 feet. Zone 4.		Per 10	Per 100	Per 1000
Very hardy, rapid-growing tree. Leaves finely cut, green with silvery white underneath.				
1400	3 to 4 ft.	\$ 5.00	\$ 45.00	\$400.00
6360	4 to 5 ft.	6.50	60.00	550.00
4840	5 to 6 ft.	10.00	90.00	800.00
1090	6 to 8 ft.	15.50	140.00	1250.00
3170	8 to 10 ft.	22.50	200.00	1750.00
3540	1¼ to 1½ in.	27.50	250.00	2250.00
760	1½ to 1¾ in.	35.00	325.00	3000.00
980	1¾ to 2 in. cal.	45.00	400.00	3500.00
110	2 to 2½ in. cal.	55.00	475.00	-----

saccharum. Sugar Maple. 120 feet. Zone 4.

Stately, upright shade tree. Leaves turn scarlet, orange and yellow in fall.
Fine street and lawn specimen.

110	4 to 5 ft. branched	19.00	175.00	-----
180	5 to 6 ft., branched	25.00	225.00	-----
80	6 to 8 ft., branched	32.50	300.00	-----
70	8 to 10 ft., branched	42.50	400.00	-----

BETULA

pendula. European White Birch. 50-60 feet. Zone 2.

Exceedingly graceful tree with slightly pendulous branches. White bark.

40	4 to 5 ft.	14.00	125.00	-----
420	5 to 6 ft.	16.50	150.00	-----
160	6 to 8 ft.	22.50	200.00	-----
10	8 to 10 ft.	30.00	275.00	-----

pendula. Clump Form European White Birch. 20-25 feet. Zone 2.

Beautiful form of White Birch having three or more main trunks from the ground.

50	4 to 5 ft.	25.00	225.00	-----
100	5 to 6 ft.	30.00	275.00	-----
40	6 to 7 ft.	35.00	325.00	-----

pendula gracilis. Cutleaf European White Birch. 30-40 feet. Zone 2.

Very slender pendulous branches with lacinate leaves very finely cut.

110	3 to 4 ft.	15.00	135.00	-----
240	4 to 5 ft.	18.00	165.00	-----
210	5 to 6 ft.	25.00	225.00	-----
90	6 to 8 ft.	30.00	275.00	-----
110	8 to 10 ft.	37.50	350.00	-----

CELTIS

occidentalis. Common Hackberry. 50-70 feet. Zone 4.

Well formed shade tree of good foliage and dense habit.

90	4 to 5 ft.	8.00	75.00	-----
170	5 to 6 ft.	12.00	110.00	1000.00
90	6 to 8 ft.	22.50	200.00	1750.00
70	8 to 10 ft.	30.00	275.00	-----
30	1¼ to 1½ in. cal.	37.50	350.00	-----

NUT, ORNAMENTAL and SHADE TREES—Continued

CERCIS

Per 10 Per 100 Per 1000

canadensis. Eastern Redbud. 35 feet. Zone 5.

Produces an abundance of reddish-pink flowers in early spring. Blooming with the Flowering Dogwood. Forms a broad head of glossy, heart-shaped leaves that turn pale yellow in fall. Grown shrub form.

630	18 to 24 in.	\$ 4.00	\$ 35.00	\$300.00
1340	2 to 3 ft.	6.50	60.00	550.00
90	3 to 4 ft.	10.00	90.00	850.00
300	4 to 5 ft.	14.00	125.00	1100.00
100	5 to 6 ft.	16.50	150.00	1350.00
340	6 to 8 ft.	22.50	200.00	1750.00

CORNUS

mas. Cornelian Cherry. April. 24 feet. Zone 5.

Small yellow flowers appear before the shiny green leaves. Edible fruit $\frac{1}{2}$ to $\frac{3}{4}$ " long turn scarlet in August. Red foliage in fall.

170	12 to 18 in.	5.00	45.00	----
220	18 to 24 in.	6.00	55.00	----

officinalis. Japanesecornel Dogwood. April. 30 feet. Zone 6.

Small yellow flowers appear before the leaves. Edible scarlet fruit with pleasant acid taste. Light brown flaky bark.

60	12 to 18 in.	6.50	60.00	----
170	18 to 24 in., Moss & Poly root wrapped	7.50	70.00	----
40	2 to 3 ft., Moss & Poly root wrapped	8.50	----	----

CRATAEGUS

crusgalli. Cockspur Thorn. 15-18 feet. Zone 5.

White flowers and red fruit. Shiny, deep green leaves. Long thorns.

30	4 to 5 ft., Moss & Poly root wrapped	27.50	250.00	----
80	5 to 6 ft., Moss & Poly root wrapped	35.00	325.00	----

oxyacantha. English Hawthorn. May. 15 feet. Zone 5.

Spreading branches with stout 1 inch thorns, covered with a dense foliage of 3 to 5 lobed leaves. Small white flowers in 5 to 12 flowered panicles. Scarlet fruit with 2 stones.

20	18 to 24 in., Moss & Poly root wrapped	16.50	150.00	----
70	2 to 3 ft., Moss & Poly root wrapped	19.00	175.00	----
60	3 to 4 ft., Moss & Poly root wrapped	22.50	200.00	----
60	4 to 5 ft., Moss & Poly root wrapped	27.50	250.00	----
40	5 to 6 ft., Moss & Poly root wrapped	35.00	325.00	----

oxyacantha pauli. Paul's Scarlet Hawthorn. 12-15 feet. Zone 5.

Flowers are double bright scarlet. One of the most showy of all the Hawthorn.

50	3 to 4 ft.	16.50	150.00	----
70	4 to 5 ft.	19.00	175.00	----

phaenopyrum. Washington Hawthorn. 30 feet. Zone 5.

Upright, dense habit. Blooms profusely and displays a brilliant autumn color.

30	2 to 3 ft.	19.00	175.00	----
60	3 to 4 ft.	22.50	200.00	----
70	4 to 5 ft.	27.50	250.00	----
70	6 to 8 ft.	42.50	400.00	----

punctata. Dotted Hawthorn. May. 30 feet. Zone 5.

Dense, branching tree sometimes twice as broad as it is high. White flowers in clusters. Red fruits, with small dots, among largest in American Hawthorns.

30	18 to 24 in.	16.50	150.00	----
90	2 to 3 ft.	19.00	175.00	----
70	3 to 4 ft.	22.50	200.00	----

DIOSPYROS

virginiana. Common Persimmon. 50 feet. Zone 5.

Round headed tree, often with pendulous branches. Dense foliage turns yellow in fall. Edible, yellowish-orange fruit, often with red cheek.

70	18 to 24 in.	6.50	60.00	----
180	2 to 3 ft.	8.00	75.00	----
90	3 to 4 ft.	10.00	90.00	----

NUT, ORNAMENTAL and SHADE TREES—Continued

Per 10 Per 100 Per 1000

FRAXINUS**pennsylvanica lanceolata. Green Ash. 50-60 feet. Zone 3.**

Shapely, vigorous and dense tree. Yellow autumn foliage. Very hardy.

300	3 to 4 ft.	\$ 6.00	\$ 55.00	\$500.00
740	4 to 5 ft.	8.00	75.00	700.00
1600	5 to 6 ft.	11.00	100.00	900.00
1090	6 to 8 ft.	17.50	160.00	1500.00
840	8 to 10 ft.	25.00	225.00	2000.00
210	1¼ to 1½ in. Cal.	32.50	300.00	2750.00
190	1½ to 1¾ in. Cal.	40.00	375.00	3500.00
30	1¾ to 2 in. Cal.	50.00	450.00	-----

GLEDITSIA**triacanthos inermis. Thornless Honeylocust. May. 50-60 feet. Zone 5.**

Broad, open tree with fine textured leaves that appear late in spring and drop early in fall. Long twisted pods remain on tree long after leaves have fallen. Adaptable to most any location.

40	4 to 5 ft.	11.00	100.00	-----
110	5 to 6 ft.	16.50	150.00	1350.00
1130	6 to 8 ft.	25.00	225.00	2000.00
1270	8 to 10 ft.	32.50	300.00	2750.00
130	1¼ to 1½ in. Cal.	42.50	400.00	-----

imperial locust. (Plant Patent No. 1605)

A new graceful, spreading variety with symmetrically arranged branches that form a more regular and compact tree than any other Honeylocusts. Grows straight and strong without staking. Dainty green leaves are spaced closer than Common Honeylocust, and with the dense branching habit, form a more dense cover.

	10-29	30-99	100-299	300 up	Suggested
	Each	Each	Each	Each	Retail
					Each
310 4 to 5 ft., 2 yr. branched	\$3.15	\$ 2.75	\$ 2.25	\$ ----	\$ ----
270 5 to 6 ft., 2 yr. branched	3.75	3.35	3.00	----	8.00

majestic honeylocust. (Plant Patent No. 1534)

A strong, graceful tree of spreading habit but much more regular and compact than ordinary Honeylocust. Thornless and grows straight without staking. Bold abundant foliage is extremely dark green when mature. Light seeding.

	10-29	30-99	100-299
	Each	Each	Each
70 5 to 6 ft., whips	\$ 1.80	\$ 1.60	\$ ----
60 6 to 7 ft., whips	2.00	1.80	-----
70 7 to 8 ft., whips	2.40	2.15	-----
40 8 to 9 ft., whips	2.80	2.45	-----
160 5 to 6 ft., 2 yr. branched	3.15	2.75	2.25
340 6 to 8 ft., 2 yr. branched	3.75	3.35	3.00
50 8 to 10 ft., 2 yr. branched	4.90	4.45	-----

NUT, ORNAMENTAL and SHADE TREES—Continued

GLEDITSIA—Continued

tricanthos inermis Moraine. Moraine Honeylocust. (Patent No. 836)

This Honeylocust is a patented variety covered by United States Plant Patent No. 836 and is being handled under license from the patent owner. A new vase form, thornless, seedless and hardy. Resistant to disease and insect damage.

		10-29	30-99	100-299	300-up	Suggested Retail
		Each	Each	Each	Each	Each
300	3 to 4 ft., whips.....	\$1.45	\$ 1.35	\$ 1.25	\$ 1.10	\$ ----
520	4 to 5 ft., whips.....	1.80	1.65	1.50	1.35	----
50	5 to 6 ft., whips.....	2.25	2.00	----	----	5.00
20	6 to 7 ft., whips.....	2.75	2.50	2.25	----	6.00
100	7 to 8 ft., whips.....	3.35	3.00	2.70	----	7.50
200	3 to 4 ft., 1 yr. branched.....	1.80	1.65	1.50	----	----
100	4 to 5 ft., 2 yr. branched.....	3.00	2.70	2.45	----	----
30	8 to 10 ft., branched, 2 yr. tops..	7.75	7.00	----	----	12.50
50	1¼ to 1½ in. Cal.....	10.00	9.00	----	----	16.00

shademaster honeylocust. (Patent No. 1515)

Straight strong trunk holds ascending branches covered with dark green foliage. This rapid grower transplants easily and without staking. Excellent for streets, lawns and parks as its deep roots do not heave sidewalks and grass will grow up to the trunk. Resistant to drouth, diseases and insect pests.

		10-49	50-249
		Each	Each
100	4 to 5 ft., 2 yr. branched.....	\$ 2.75	\$ 2.25
40	5 to 6 ft., 2 yr. branched.....	3.75	----

tricanthos inermis Skyline. (Patent No. 1619)

Skyline is a stately and unusual variety with distinctive pyramidal form. Branches are uniformly spaced and arranged and diverge from the trunk at a wide angle. Foliage is dark green and of a heavy, leathery texture.

		10-29	30-99	100-299	300-up	Suggested Retail
		Each	Each	Each	Each	Each
480	4 to 5 ft., 2 yr. branched.....	\$3.15	\$ 2.75	\$ 2.25	\$ 2.00	\$ ----
40	5 to 6 ft., 2 yr. branched.....	3.75	3.35	----	----	8.00

Sunburst Locust. Plant Patent No. 1313.

Bright golden foliage on 8 to 10 inches of branch tips contrasts with the rich green of the balance of the tree. Broadly pyramidal head and excellent branching habit. Produces only male flowers and is absolutely seedless.

890	4 to 5 ft., 2 yr. branched.....	\$3.25	\$ 2.95	\$ 2.40	\$ 2.10	\$ ---
470	5 to 6 ft., 2 yr. branched.....	3.90	3.50	3.15	2.90	8.50

GYMNOCLADUS

dioicus. Kentucky Coffeetree. 90 feet. Zone 5.

Per 10 Per 100 Per 1000

Large branching, open, picturesque habit. Particularly interesting during the long winter months.

120	3 to 4 ft.....	\$16.50	\$150.00	\$ ----
130	4 to 5 ft.....	22.50	200.00	----
10	5 to 6 ft.....	27.50	----	----

JUGLANS

nigra. Eastern Black Walnut. 150 feet. Zone 5.

Rounded, upright tree with coarse, open foliage. Large, rounded nuts in heavy shells.

120	5 to 6 ft.....	14.00	125.00	1150.00
370	6 to 8 ft.....	19.00	175.00	1600.00
350	8 to 10 ft.....	27.50	250.00	2250.00
180	1¼ to 1½ in. Cal.....	32.50	300.00	2750.00

NUT, ORNAMENTAL and SHADE TREES—Continued

Per 10 Per 100 Per 1000

LABURNUM**watereri (vossi) Waterer Laburnum. 25-30 feet. Zone 6.**

Dense habit. Flowers are large and deep yellow, pea like in pendulous clusters appearing in late May.

60	4 to 5 ft., branched	\$22.50	\$200.00	\$
20	5 to 6 ft., branched	27.50		

MALUS**DWARF FLOWERING CRAB**

18 to 24 in.					Per 10	Per 100
2 to 3 ft.					\$11.00	\$100.00
3 to 4 ft.					13.50	125.00
4 to 5 ft.					17.50	150.00
5 to 6 ft.					22.50	200.00
					25.00	225.00
		5/6'	4/5'	3/4'	2/3'	18/24"
Hopa		150	370	180	130	100
Makamik		20	60	70	--	--

CENTENNIAL CRAB**No. 1472**

Small tree with horizontal branches. Large white flowers. Excellent quality fruit of bright red over yellow, up to 2 inches in size. Long bearing season starting in late August. Valuable as both fruiting and ornamental crab.

	Per 10	Per 100
30 3 to 4 ft.	\$10.00	\$ 95.00
80 4 to 5 ft.	12.50	120.00
70 5 to 6 ft.	14.00	135.00

RADIANT CRAB**Minnesota No. 6-C**

Tree of good form with reddish-bronze spring foliage, green in summer and fall. No record of scab, rust or fire-blight. Red flowers of medium size when the tree is quite young. Small, bright cherry red fruits often hang on all winter and are well liked by the birds.

	Per 10	Per 100
150 2 to 3 ft.	\$15.00	\$125.00
170 3 to 4 ft.	17.50	150.00

QUINTUPLET FLOWERING CRAB

These 5-N-1 crab are budded on 2 year grafts and then grown one year. Budded on Hopa with the following varieties.

	Evelyn	Makamik	Radiant	
	Floribunda	Purpurea	Eleyi	
				Per 10 Per 100
90	2 to 3 ft.			\$20.00 \$175.00
440	3 to 4 ft.			22.50 200.00
410	4 to 5 ft.			25.00 225.00

MALUS, ORNAMENTAL CRABAPPLE—Continued

	Per 10	Per 100	Per 1000			
2 to 3 ft.....	\$11.00	\$100.00	\$..			
3 to 4 ft.....	14.00	125.00	-----			
4 to 5 ft.....	16.50	150.00	-----			
5 to 6 ft.....	21.50	200.00	-----			
	5/6'	4/5'	3/4'	2/3'		
Baccata Mandschurica. 50 ft. Zone 3.						
Single, white annual. Earliest.	--	50	130	100		
Halliana parkmanni. 15 ft. Zone 6.						
Double pink flowers, red fruits.	990	240	100	50		
Oekonomierat Echtermeyer. 15 ft. Zone 5.						
Single purple flowers, reddish purple fruit. ..	70	140	40	--		
Sargenti Rosea. 8 ft. Zone 5.						
Smallest. Bright red buds, single white flow- ers. Red fruit.	--	30	170	40		
	Per 10	Per 100	Per 1000			
18 to 24 in.....	\$ 5.50	\$ 50.00	\$..	-----		
2 to 3 ft.....	7.50	70.00		-----		
3 to 4 ft.....	10.00	90.00		-----		
4 to 5 ft.....	14.00	125.00		-----		
5 to 6 ft.....	19.00	175.00		-----		
6 to 8 ft.....	22.50	210.00		-----		
	6/8'	5/6'	4/5'	3/4'	2/3'	18/24"
Almey. 20 ft.						
Single carmine flowers, white cen- ter, bright red fruit.	--	360	200	--	--	--
Cowichan. 18 ft. Zone 5.						
Single purplish-red flowers, red- dish-purple fruit.	110	840	280	--	70	--
		6/8'	5/6'	4/5'	3/4'	2/3'
Red Splendor.						
Single carmine flowers. Red fruits. pur- plish foliage.	--	70	160	--	--	110
Valley City. Zone 3-4.						
Single pink flowers. Small maroon fruit. Purple foliage.	--	180	100	30		
Van Eseltine.						
Double carmine flowers. Yellow and red fruit.	--	100	100	30	--	--
Wabiskaw.						
Semi-double, purplish-red. Annual. Red fall foliage.	--	350	40	--	--	40
Zumi Calocarpa.						
Pink buds. White flowers. Red-orange fruit. Annual.	150	80	--	--	--	--

MALUS, ORNAMENTAL CRABAPPLE—Continued

	Per 10	Per 100	Per 1000		
2 to 3 ft.....	\$ 6.00	\$ 55.00	\$ -----		
3 to 4 ft.....	8.00	75.00	-----		
4 to 5 ft.....	11.00	100.00	-----		
5 to 6 ft.....	16.50	150.00	-----		
6 to 8 ft.....	21.50	-----	-----		
	6/8'	5/6'	4/5'	3/4'	2/3'
Floribunda. 30 ft. Zone 4.					
Single pink annual.	100	--	--	--	--
Jay Darling.					
Single purplish-red flowers, purplish-red fruit.	100	950	250	80	70
Makamik. 40 ft. Zone 5.					
Single purplish-red blooms. Bronze foliage.					
Annual	20	500	80	60	--
pumila Niedzwetzkyana. 20 ft. Zone 4.					
Single purplish-red flowers. Large fruit. ..	--	70	80	40	--
Red Silver. 30 ft. Zone 5.					
Single purplish-red flowers, purple fruit.					
Purplish bronze foliage.	--	40	--	20	--
	Per 10	Per 100	Per 1000		
2 to 3 ft.....	\$ 5.50	\$ 50.00	\$ -----		
3 to 4 ft.....	7.50	70.00	-----		
4 to 5 ft.....	10.00	90.00	-----		
5 to 6 ft.....	13.00	120.00	1100.00		
6 to 8 ft.....	16.50	150.00	1350.00		
	6/8'	5/6'	4/5'	3/4'	2/3'
Hopa. 30 ft. Zone 5.					
Single carmine blooms, bright red fruits.					
Annual.	820	1500	400	160	220
purpurea Eleyi. 25 ft. Zone 4.					
Single reddish-purple blooms and fruits....	80	200	20	40	30

PLATANUS

acerifolia. London Plane-tree. 100 feet. Zone 6.

Tall tree with straight trunk and broad round head. Large maplelike leaves. Very resistant to twig blight. Large fruit balls and light colored smooth bark mottled by darker blotches of old bark make this a conspicuous winter tree. Used extensively for street planting.

	Per 10	Per 100	Per 1000
40 3 to 4 ft.....	\$ 8.50	\$ 80.00	\$ -----
110 4 to 5 ft.....	11.00	100.00	-----
190 5 to 6 ft.....	15.00	135.00	-----
130 6 to 8 ft.....	22.50	200.00	-----
40 8 to 10 ft.....	30.00	275.00	-----

occidentalis. American Planetree. 120-150 feet. Zone 6.

Largest leaves on one of most massive and tallest of trees. White bark peels in flakes. Popular as shade and avenue tree.

80 5 to 6 ft.	12.50	110.00	-----
40 6 to 8 ft.....	19.00	175.00	-----
150 8 to 10 ft.....	28.00	250.00	-----
90 1¼ to 1½ in. Cal.....	32.50	300.00	-----
110 1½ to 1¾ in. Cal.....	40.00	375.00	-----
80 1¾ to 2 in. Cal.....	50.00	450.00	-----

NUT, ORNAMENTAL and SHADE TREES—Continued

Per 10 Per 100 Per 1000

POPULUS

alba pyramidalis. Bolleana Poplar. 90 feet. Zone 4.

Large tree of irregular habit; rather open and columnar. Large lobed leaves with down white undersurface are lightly red in fall. Whitish gray bark. More resistant to trunk canker than Lombardy.

420	2 to 3 ft.	\$ 3.00	\$ 25.00	\$ -----
100	3 to 4 ft.	4.00	35.00	-----

canadensis eugenei. Carolina Poplar. 150 feet. Zone 6.

Coarse, glossy leaves on wide-spread, open tree. Rapid grower.

60	4 to 5 ft.	4.50	-----	-----
60	5 to 6 ft.	5.50	50.00	-----
100	6 to 8 ft.	8.00	75.00	-----
90	8 to 10 ft.	11.00	100.00	-----
100	1¼ to 1½ in. Cal.	13.50	120.00	-----
100	1½ to 1¾ in. Cal.	16.50	150.00	-----

nigra italica. Lombardy Poplar. 50-60 feet. Zone 3.

Rapid spire-like growth. Fine for screens and formal plantings.

		Per 10	Per 100	Per 1000
680	4 to 5 ft.	\$ 3.50	\$ 30.00	\$250.00
4300	5 to 6 ft.	5.00	45.00	400.00
7400	6 to 8 ft.	6.00	55.00	500.00
9000	8 to 10 ft.	7.00	65.00	600.00
2200	1¼ to 1½ in. Cal.	8.00	75.00	700.00
1380	1½ to 1¾ in. Cal.	11.00	100.00	900.00
830	1¾ to 2 in. Cal.	14.00	125.00	1100.00

Per 10 Per 100 Per 1000

PRUNUS

padus. European Birdcherry. 45 feet. Zone 4.

Frequently called "May Day Tree". Produces fragrant flowers in drooping loose racemes followed by black fruit.

150	2 to 3 ft.	\$ 8.00	\$ 75.00	\$ -----
190	3 to 4 ft.	11.00	100.00	900.00
240	4 to 5 ft.	14.00	125.00	1100.00
190	5 to 6 ft.	16.50	150.00	1350.00
110	6 to 8 ft.	22.50	200.00	-----

persica. Flowering Peach (tree form on peach). 15-18 feet. Zone 6.

2	to 3 ft.	4.50	40.00	-----
3	to 4 ft.	7.50	70.00	-----
4	to 5 ft.	11.00	100.00	-----
5	to 6 ft.	14.00	125.00	-----
6	to 8 ft.	16.50	150.00	-----

	6/8'	5/6'	4/5'	3/4'	2/3'
Cardinal, double red	30	--	--	60	40
Helen Borchers, large, clear pink	50	--	100	80	30
Iceberg, white	60	50	160	100	50

QUERCUS

alba. White Oak. 90 feet. Zone 5.

Majestic tree with broad round head and wide spreading branches. Dense foliage turns purplish red in autumn. Slower growing than Red Oak.

200	4 to 5 ft.	19.00	175.00	-----
130	5 to 6 ft.	25.00	225.00	-----

NUT, ORNAMENTAL and SHADE TREES—Continued

QUERCUS—Continued

Per 10 Per 100 Per 1000

borealis. Red Oak. 75 feet. Zone 5.

Pyramidal young trees become broad and round topped with age. Dense foliage an attractive red in fall. Transplants easily and fastest grower of oaks. Fine for street or avenue as it withstands city conditions and is clean in habit.

80	3 to 4 ft.	\$16.00	\$140.00	\$. . .
40	4 to 5 ft.	19.00	175.00	

palustris. Pin Oak. 75 feet. Zone 5.

A broadly pyramidal tree of dense branching habit. Branches droop slightly. Leaves of deep green, glossy and finely divided. Scarlet autumn foliage. A most desirable shade tree but requires ample space.

		Per 10	Per 100	Per 1000
1000	4 to 5 ft.	\$16.50	\$150.00	\$1350.00
1960	5 to 6 ft.	22.50	200.00	1750.00
1800	6 to 8 ft.	32.50	300.00	2750.00
600	8 to 10 ft.	45.00	400.00	3750.00
50	1½ to 1¾ in. Cal.	60.00	575.00	
90	1¾ to 2 in. Cal.	65.00	625.00	
40	2 to 2½ in. Cal.	70.00	675.00	

Per 10 Per 100 Per 1000

SALIX

alba tristis. Niobe Willow. 50 feet. Zone 3.

Extremely hardy "Golden Weeping Willow" of exceptional grace and beauty.

80	4 to 5 ft.	\$ 6.50	\$ 60.00	\$550.00
100	5 to 6 ft.	11.00	100.00	900.00
250	6 to 8 ft.	15.00	135.00	1200.00
650	8 to 10 ft.	22.50	200.00	1750.00
280	1¼ to 1½ in. Cal.	27.50	250.00	2250.00
330	1½ to 1¾ in. Cal.	32.50	300.00	2750.00
30	1¾ to 2 in. Cal.	40.00	375.00	

alba vitellina. Russian Golden Willow. 30 feet. Zone 3.

One of the best upright willows for landscape planting. Twigs very colorful during winter months. One of the best windbreak trees.

1030	4 to 5 ft.	5.50	50.00	450.00
2400	5 to 6 ft.	8.00	75.00	700.00
380	6 to 8 ft.	11.00	100.00	900.00

babylonica. Babylon Weeping Willow. 30 feet. Zone 6.

One of the best of the weeping willows wherever hardy. Bright green foliage.

140	3 to 4 ft.	5.00	45.00	
450	4 to 5 ft.	6.50	60.00	550.00
1370	5 to 6 ft.	11.00	100.00	900.00
800	6 to 8 ft.	15.00	135.00	1200.00

blanda. Wisconsin Weeping Willow. 40 feet. Zone 5.

A very hardy, popular, free-barked weeping willow. Wide-spreading head. Long drooping branches are extremely graceful.

50	4 to 5 ft.	6.50	60.00	550.00
200	5 to 6 ft.	11.00	100.00	900.00
200	6 to 8 ft.	15.00	135.00	1200.00
820	8 to 10 ft.	22.50	200.00	1800.00
340	1¼ to 1½ in. Cal.	27.50	250.00	2250.00
50	1½ to 1¾ in. Cal.	32.50	300.00	

discolor French. French Pussy Willow. 20 feet. Zone 3.

A fine cultivated French variety having especially long catkins.

680	12 to 18 in.	3.00	25.00	200.00
290	18 to 24 in.	3.50	30.00	250.00

NUT, ORNAMENTAL and SHADE TREES—Continued**SALIX—Continued**

Per 10 Per 100 Per 1000

discolor French Pink. 20 feet. Zone 3.

A new French variety with pinkish, long catkins.

1030 12 to 18 in.	\$ 3.50	\$ 30.00	\$ -----
1000 18 to 24 in.	4.50	40.00	350.00

pentandra. Laurel Leaf Willow. 60 feet. Zone 5.

Round headed tree producing lustrous dark green leaves, brownish shiny twigs. One of the best for ornamental planting.

80 3 to 4 ft.	3.50	30.00	-----
250 4 to 5 ft.	5.50	50.00	-----
50 5 to 6 ft.	6.50	60.00	-----
70 6 to 8 ft.	8.00	75.00	-----

SORBUS**aucuparia. European Mountainash. 45 feet. Zone 3.**

A smooth barked tree having a dense, pyramidal head. Bright red-orange berries are produced in large clusters.

150 4 to 5 ft.	17.50	160.00	-----
120 5 to 6 ft.	22.50	200.00	-----
700 6 to 8 ft.	27.50	250.00	2250.00
180 8 to 10 ft.	35.00	325.00	3000.00
150 1¼ to 1½ in. Cal.	42.50	400.00	-----

TILIA**americana. American Linden. 100 feet. Zone 3.**

Rather fast growing tree with open head. Large, coarse leaves turn yellow in fall. Dropping clusters of fragrant yellow flowers in July. Good street tree.

60 3 to 4 ft.	9.00	85.00	-----
70 4 to 5 ft.	12.50	110.00	-----
100 5 to 6 ft.	20.00	175.00	-----
100 6 to 8 ft.	25.00	225.00	-----
100 8 to 10 ft.	32.50	300.00	-----

cordata. Littleleaf Linden. 90 feet. Zone 4.

Usually a slow growing, small tree of very dense habit and tightly pyramidal form. Broad, heart shaped leaves are very dark green above and lighter beneath. An excellent shade and street tree.

370 3 to 4 ft.	16.50	150.00	-----
200 4 to 5 ft.	20.00	175.00	-----
150 5 to 6 ft.	27.50	250.00	-----
50 6 to 8 ft.	35.00	325.00	-----

ULMUS**americana. American Elm. 100-120 feet. Zone 2.**

A stately tree of unique vase-shaped form with widely arching branches.

850 4 to 5 ft.	5.50	50.00	450.00
2560 5 to 6 ft.	8.00	75.00	700.00
300 6 to 8 ft.	12.00	110.00	1000.00
1340 8 to 10 ft.	18.00	165.00	1500.00
1690 1¼ to 1½ in. Cal.	27.50	250.00	2250.00

americana Moline. Moline Elm. 80-100 feet. Zone 3.

Narrow pyramidal rapid-growing tree with large, handsome green foliage. Uniform tree for street or drive planting.

	Per 10	Per 100	Per 1000
120 6 to 8 ft.	\$16.50	\$150.00	\$ -----
450 8 to 10 ft.	22.00	200.00	1800.00
700 1¼ to 1½ in. Cal.	32.50	300.00	2750.00

NUT, ORNAMENTAL and SHADE TREES—Continued

ULMUS—Continued

hybrid Christine Buisman. 60 feet. Zone 4. Per 10 Per 100

Recommended by U.S.D.A. as resistant to Dutch Elm disease and phloem necrosis. Slender but numerous ascending branches produce a mass of dark green foliage. Rapid grower. Must be propagated vegetatively to perpetuate disease resistance. Handsome specimen for lawns or street planting.

70	3 to 4 ft.	\$16.50	\$150.00
100	4 to 5 ft.	19.00	175.00
70	5 to 6 ft.	23.50	225.00

Per 10 Per 100 Per 1000

Lake City Improved. 70 feet.

Fast growing pyramidal tree. Heavy, rich green foliage. Does not bear seed. Disease resistant. Fine for lawns and parkways.

120	4 to 5 ft.	\$ 8.00	\$ 75.00	\$.----
110	5 to 6 ft.	11.00	100.00	900.00
20	6 to 8 ft.	16.50	150.00	1350.00
40	8 to 10 ft.	22.00	200.00	-----

pumila. Chinese Elm. 75 feet. Zone 5.

A hardy, rapid-growing tree. Small dense foliage. Drought resistant.

2300	4 to 5 ft.	4.00	35.00	300.00
4600	5 to 6 ft.	7.00	65.00	600.00
2900	6 to 8 ft.	11.00	100.00	900.00
1540	8 to 10 ft.	15.00	135.00	1250.00
1650	1¼ to 1½ in. Cal.	22.50	200.00	1750.00
920	1½ to 1¾ in. Cal.	32.50	300.00	2750.00
130	1¾ to 2 in. Cal.	40.00	375.00	-----

Ornamental Shrubs

Our shrubs are bushy and well rooted, twice transplanted and many graded stronger than is required by the American Nurseryman's Association.

The month indicates the beginning of bloom period; size denotes average height of shrub at maturity if left unsheared.

SHRUBS ARE TIED 9/12 and 12/18 in., 25; 18/24 in. and 2/3 ft., 10; and 3/4 and 4/5 ft. 5 per bundle. WE DO NOT BREAK BUNDLES.

ACANTHOPANAX

		Per 10	Per 100	Per 1000
sieboldianus.	Siebold Acanthopanax. June. 9 feet. Zone 5.			
Excellent foliage plant growing well in the shade and withstanding city growing conditions. Compound leaves remain on the plant well into fall.				
100	12 to 18 in.....	\$ 3.50	\$ 30.00	\$-----
250	18 to 24 in.....	5.00	45.00	400.00
340	2 to 3 ft.....	6.00	55.00	500.00

ACER

ginnala. Amur Maple. 20 feet. Zone 3.

Dense shrub or small tree. Yellow fragrant flowers in April-May. Fruits turn bright red in summer. Entire plant becomes a mass of scarlet in autumn.

260	18 to 24 in.....	6.50	60.00	550.00
950	2 to 3 ft.....	10.00	90.00	850.00
250	3 to 4 ft.....	14.00	125.00	1100.00
800	4 to 5 ft.....	20.00	175.00	1500.00

ARONIA

arbutifolia. Red Chokeberry. May. 9 feet. Zone 6.

Small white flowers. Bright red berries in profusion. Red fall foliage. Dependable in any soil.

150	9 to 12 in.....	2.50	20.00	----
50	12 to 18 in.....	3.50	30.00	----
40	18 to 24 in.....	5.00	45.00	----

melanocarpa. Black Chokeberry. May. 2-3 feet. Zone 5.

Single white flowers and black berries. Red foliage in fall.

40	9 to 12 in.....	2.50	20.00	----
100	12 to 18 in.....	3.50	30.00	----
80	18 to 24 in.....	5.00	45.00	----

BERBERIS

mentorensis. Mentor Barberry. May. 5 feet. Zone 6.

A cross between thunbergi and julianae, mentorensis is a strong, upright growing plant of heavy, dark green foliage. Survives cold as well as very hot, dry conditions.

170	9 to 12 in.....	3.00	25.00	200.00
1500	12 to 18 in.....	4.50	40.00	350.00
490	15 to 18 in.....	5.50	50.00	450.00

thunbergi. Japanese Barberry. May. 5 feet. Zone 6.

Hardy shrub, splendid for hedges or massing. Delicate yellow flowers. Brilliant fall foliage followed by scarlet berries. Showy in winter.

1140	9 to 12 in.....	2.00	18.00	150.00
2290	12 to 15 in.....	3.00	25.00	200.00
2100	15 to 18 in.....	3.50	30.00	250.00
2600	18 to 24 in.....	4.50	40.00	350.00
1300	2 to 2½ ft.....	5.50	50.00	450.00
600	2½ to 3 ft.....	6.50	60.00	550.00

ORNAMENTAL SHRUBS—Continued

BERBERIS—Continued

thunbergi atropurpurea. Redleaf Japanese Barberry. May. 5 feet. Zone 6.

Warm bronze-red foliage in a sunny exposure. Intensified in summer and fall. Brilliant accent as a sheared or natural specimen.

	Per 10	Per 100	Per 1000
1800 9 to 12 in.	\$ 3.00	\$ 25.00	\$200.00
5500 12 to 15 in.	4.00	35.00	300.00
1500 15 to 18 in.	5.00	45.00	400.00
600 18 to 24 in.	6.00	55.00	500.00
400 2 to 2½ ft.	7.00	65.00	600.00
970 2½ to 3 ft.	8.00	75.00	700.00

Per 10 Per 100 Per 1000

thunbergi erecta. Truedge Columnberry. May. 6 feet. Zone 6.

Recommended for formal hedges, individual specimen shrubs, window boxes, etc. Grows in pyramidal form without pruning. Has dense glossy foliage; valuable for many purposes.

	Per 10	Per 100	Per 1000
360 9 to 12 in.	\$ 2.00	\$ 18.00	\$150.00
470 12 to 15 in.	3.00	25.00	200.00
790 15 to 18 in.	4.00	35.00	300.00
990 18 to 24 in.	5.00	45.00	400.00

BUDDLEIA

Butterflybush. July. 4-6 feet. Zone 6.

Cut tops back severely when planting for best results.

Medium	3.50	30.00	250.00
No. 1	4.00	35.00	300.00

Varieties available at above prices.

No. 1 Med.

Charming. 5-6 feet.

Unusually large compact spikes of pink flowers with lavender cast. Blooms all summer. A striking plant in any landscape. One of the best pinks.

700 80

Dubonnet. 4-5 feet.

The new red Butterflybush. Beautiful wine-red flowers with large individual florets. A gorgeous cut flower.

1760 1480

Empire Blue.

An excellent shade of blue combining Aster blue with a lilac tone.

1200 700

Ile de France. 4-5 feet.

Long spikes of dark claret-purple.

900 250

Peace.

Pure white flowers in long, well-formed spikes. Vigorous plant.

3090 970

Royal Red.

Rich, dark royal purple flowers. Foliage deep leathery green.

3700 2300

White Cloud. 3-4 feet.

Neat compact plant. Compact spikes well filled to the ends.

70 260

CALICARPA

Per 10 Per 100 Per 1000

dichotoma. Purple Beautyberry. August. 4 feet. Zone 6.

Small pink flowers in clusters. Large showy clusters of purple berries.

	Per 10	Per 100	Per 1000
70 12 to 18 in.	\$ 3.50	\$ 30.00	\$ ----
50 18 to 24 in.	4.50	40.00	----
300 2 to 3 ft.	5.50	50.00	----
230 3 to 4 ft.	7.00	65.00	----
110 4 to 5 ft.	9.00	85.00	----

ORNAMENTAL SHRUBS—Continued

CARAGANA

Per 10 Per 100 Per 1000

arborescens. Siberian Peashrub. May. 15-20 feet. Zone 3.

Produces clusters of yellow, pea-like flowers in midst of small, light green foliage. Completely hardy. Valuable in groups or as specimen.

420	12 to 18 in.	\$ 2.50	\$ 22.00	\$200.00
50	18 to 24 in.	3.50	30.00	-----

CARYOPTERIS

clandonensis. Blue Mist. August. 4 feet. Zone 6.

Low growing shrub covered with numerous clusters of powdery blue, fringed flowers from August to frost. The foliage is lanceolate, slightly toothed and silvery green in color. Hardy but dies back to ground in north.

		Per 10	Per 100	Per 1000
2800	No. 1	\$ 4.50	\$ 40.00	\$350.00
120	Medium	3.50	30.00	-----
640	No. 3	2.50	22.00	200.00

CEPHALANTHUS

Per 10 Per 100 Per 1000

occidentalis. Buttonbush. July. 15 feet. Zone 5.

Creamy white flowers in round heads about 1 inch diameter. Must have moist location. Fine for swampy land.

250	12 to 18 in.	\$ 3.50	\$ 30.00	\$250.00
230	18 to 24 in.	5.00	45.00	400.00
580	2 to 3 ft.	6.00	55.00	500.00
140	3 to 4 ft.	7.50	70.00	650.00

CHAENOMELES

japonica rubra. Red Flowering Japanese Quince. May. 3 feet. Zone 5.

An improved, non-fruiting strain which produces true bright red flowers.

2100	12 to 18 in.	3.50	30.00	250.00
3300	18 to 24 in.	4.50	40.00	350.00
850	2 to 3 ft.	5.50	50.00	450.00

lagenaria and superba. Japan Quince. 6 feet. Zone 5.

9 to 12 in.	4.50	40.00	-----
12 to 18 in.	5.50	50.00	-----
18 to 24 in.	7.50	70.00	-----
2 to 3 ft.	9.50	90.00	-----

Following varieties at above prices:

	2/3'	18/24"	12/18"	9/12"
Aurea (L)	120	200	100	20
Kermesina semiplena (L)	20	60	90	--
Nivalis (L)	40	30	380	70
Pink Lady (S)	50	100	100	30
Texas Scarlet (S)	110	360	340	60

CHIONANTHUS

Per 10 Per 100 Per 1000

virginicus. White Fringe-tree. June. 30 feet. Zone 5.

Fleecy white flower clusters in great profusion. Clusters of dark blue berries. Leaves bright yellow in fall. One of the last shrubs to leaf in the spring.

350	9 to 12 in.	\$ 3.50	\$ 30.00	\$250.00
310	12 to 18 in.	5.00	45.00	400.00

ORNAMENTAL SHRUBS—Continued

Per 10 Per 100 Per 1000

CORNUS

alba sibirica. Siberian Dogwood. May. 9 feet. Zone 3.

Stout, erect, bright branches. White flowers are followed by porcelain-blue berries. Outstandingly effective for winter color.

880 12 to 18 in.....	\$ 3.50	\$ 30.00	\$250.00
1100 18 to 24 in.....	5.00	45.00	400.00
750 2 to 3 ft.....	6.00	55.00	500.00
520 3 to 4 ft.....	7.50	70.00	650.00

amomum. Silky Dogwood. June. 9 feet. Zone 6.

Produces yellow-white flowers in flat clusters followed by blue berries. Red fall foliage. Red twigs are colorful during winter.

30 12 to 18 in.....	3.50	30.00	-----
100 18 to 24 in.....	5.00	45.00	-----
180 2 to 3 ft.....	6.00	55.00	-----

mas. Cornelian Cherry. April. 24 feet. Zone 5.

Small yellow flowers appear before the shiny green leaves. Edible fruit $\frac{1}{2}$ to $\frac{3}{4}$ " long turn scarlet in August. Red foliage in fall.

150 12 to 18 in.....	5.00	45.00	-----
200 18 to 24 in.....	6.00	55.00	-----

racemosa. Gray Dogwood. June. 15 feet. Zone 5.

Small creamy white flowers in flat clusters followed by white berries on red stalks. Foliage purplish in fall and twigs gray in winter. Withstands shearing well.

60 12 to 18 in.....	3.50	30.00	-----
300 18 to 24 in.....	5.00	45.00	-----
260 2 to 3 ft.....	6.00	55.00	-----

sanguinea. Bloodtwig Dogwood. May. 12 feet. Zone 5.

Broad green leaves turn to dark blood red in fall. Twigs dark red; flowers dull white.

50 12 to 18 in.....	3.50	30.00	-----
150 18 to 24 in.....	5.00	45.00	400.00
500 2 to 3 ft.....	6.00	55.00	500.00
20 3 to 4 ft.....	7.50	70.00	-----

stolonifera. Redosier Dogwood. May. 7 feet. Zone 3.

Attractive medium sized shrub particularly valued for brilliant red winter twigs. Small dull white flowers are followed by white berries.

310 12 to 18 in.....	3.50	30.00	250.00
560 18 to 24 in.....	5.00	45.00	400.00
160 2 to 3 ft.....	6.00	55.00	500.00
40 3 to 4 ft.....	7.50	70.00	-----

stolonifera flaviramea. Yellowtwig Dogwood. May. 7 feet. Zone 3.

A striking yellow-branched form of stolonifera, highly decorative.

390 12 to 18 in.....	3.50	30.00	-----
1340 18 to 24 in.....	5.00	45.00	400.00
300 2 to 3 ft.....	6.00	55.00	500.00

COTONEASTER

divaricata. Spreading Cotoneaster. May. 6 feet. Zone 6.

Pink flowers followed by red fruit in fall and winter. Foliage semi-evergreen turning dull red in autumn. Plant of graceful spreading habit.

90 12 to 18 in.....	6.00	55.00	-----
160 18 to 24 in.....	8.00	75.00	-----

ORNAMENTAL SHRUBS—Continued

DEUTZIA**gracilis.** Slender Deutzia. May. 3 feet. Zone 5.

Dwarf free flowering shrub with slender arching branches. Bears a profusion of small snow white flowers.

	Per 10	Per 100	Per 1000
370 9 to 12 in.....	\$ 3.50	\$ 30.00	\$250.00
1040 12 to 15 in.....	5.00	45.00	400.00
170 15 to 18 in.....	6.00	55.00	500.00

lemoinei. Lemoine Deutzia. May. 7 feet. Zone 5.

Very floriferous, semi-dwarf hybrid variety. Creamy white flowers in upright racemes. Distinctly different.

	Per 10	Per 100	Per 1000
100 9 to 12 in.....	\$ 2.50	\$ 20.00	\$-----
900 12 to 18 in.....	4.50	40.00	350.00
700 18 to 24 in.....	5.50	50.00	450.00
1900 2 to 2½ ft.....	7.50	70.00	650.00

rosea. Rosepanicle Deutzia. May. 4 feet. Zone 5.

A graceful, dwarf growing plant producing attractive pink flowers. Also known as "eximea" or "rosea eximea".

	Per 10	Per 100	Per 1000
150 9 to 12 in.....	\$ 3.50	\$ 30.00	\$250.00
700 12 to 15 in.....	5.00	45.00	400.00
1000 15 to 18 in.....	6.00	55.00	500.00
860 18 to 24 in.....	7.50	70.00	650.00

scabra Pride of Rochester. May. 6-8 feet. Zone 6.

Double white flowers remain effectively in bloom over a long period. Earlier to bloom than other varieties.

	Per 10	Per 100	Per 1000
430 12 to 18 in.....	3.00	25.00	200.00
1000 18 to 24 in.....	4.50	40.00	350.00
1800 2 to 3 ft.....	5.50	50.00	450.00
140 3 to 4 ft.....	7.00	65.00	-----

EUONYMUS**alatus.** Winged Euonymus. May. 9 feet. Zone 4.

A sturdy, easily grown plant of particular interest for its horizontal branching habit and its brilliant scarlet autumn color. Twigs and branches have cork-like ridges.

	Per 10	Per 100	Per 1000
430 9 to 12 in.....	5.00	45.00	-----

alatus Dwarf. Dwarf Winged Euonymus. May. 4 feet. Zone 4.

An excellent dwarf, compact variety. Ideal for hedging. Brilliant scarlet autumn color.

	Per 10	Per 100	Per 1000
50 9 to 12 in.....	6.00	55.00	-----
200 12 to 18 in.....	8.00	75.00	-----
200 18 to 24 in.....	11.00	100.00	-----

europaea aldenhamensis. Aldenham Spindle Tree. 21 feet. Zone 4.

Brilliant pink fruit makes this the most popular of Spindle Tree varieties. Dark green leaves are reddish in fall.

	Per 10	Per 100	Per 1000
30 9 to 12 in.....	3.50	30.00	-----
150 12 to 18 in.....	4.50	40.00	-----
90 18 to 24 in.....	6.00	55.00	-----

ORNAMENTAL SHRUBS—Continued

EUONYMUS—Continued

		Per 10	Per 100	Per 1000
kiautschovicus. (Patens) Spreading Euonymus. 9 feet. Zone 7.				
Somewhat similar to but hardier than the evergreen <i>Euonymus japonica</i> . Leaves are lighter green and not as thick. Half evergreen in north. Fruit pinkish to red capsules especially attractive in October and November.				
320	9 to 12 in.	\$ 4.50	\$ 40.00	\$350.00
1230	12 to 15 in.	5.50	50.00	450.00

latifolius. Broadleaf Euonymus. 20 feet. Zone 6.

Large 3 to 5 inch leaves, reddish underneath; red in fall. Greenish flowers in clusters. Bright red fruit. Makes good specimen tree.

40	9 to 12 in.	5.50	50.00	-----
150	12 to 18 in.	7.00	65.00	-----
200	18 to 24 in.	8.00	75.00	-----

FORSYTHIA

Arnold Dwarf. 2 feet. Zone 5.

A new dwarf type with excellent foliage. Desirable as a ground cover.

100	9 to 12 in.	3.00	25.00	-----
310	12 to 18 in.	5.00	45.00	400.00
200	18 to 24 in.	6.50	60.00	-----

Arnold Giant. Zone 5.

Forms a compact, spreading bush. Very hardy and a consistent bloomer. Produces large, dark yellow flowers. One of the better new varieties.

70	9 to 12 in.	3.00	25.00	-----
400	12 to 18 in.	4.00	35.00	300.00
300	18 to 24 in.	5.50	50.00	450.00
200	2 to 3 ft.	6.50	60.00	550.00
160	3 to 4 ft.	8.00	75.00	-----

Beatrix Farrand. 6-8 feet. Zone 5.

A new Forsythia from the Arnold Arboretum. Very vigorous grower developing into a large, symmetrical plant. Deep golden yellow flowers, often 2 inches in diameter with striking orange markings in the throat.

220	12 to 18 in.	4.00	35.00	300.00
390	18 to 24 in.	5.50	50.00	450.00
300	2 to 3 ft.	6.50	60.00	550.00

intermedia spectabilis. Showy Border Forsythia. April. 8-9 feet. Zone 5.

Deep yellow flowers produced in abundance. Upright habit of growth makes this an excellent specimen.

2260	12 to 18 in.	3.50	30.00	250.00
4000	18 to 24 in.	5.00	45.00	400.00
3260	2 to 3 ft.	6.00	55.00	500.00
430	3 to 4 ft.	7.50	70.00	650.00

Lynwood Gold. April. 6-8 feet. Zone 5.

Erect branches are covered with golden yellow blooms in early April. Superb for cutting and flowering in the house during the winter.

650	12 to 18 in.	3.50	30.00	250.00
1480	18 to 24 in.	5.00	45.00	400.00
1400	2 to 3 ft.	6.00	55.00	500.00
120	3 to 4 ft.	7.50	70.00	650.00
240	4 to 5 ft.	9.00	85.00	800.00

ovata. Early Forsythia. April. 6-8 feet. Zone 5.

The earliest to bloom and also the hardiest Forsythia. Good yellow blooms.

520	12 to 18 in.	4.00	35.00	300.00
570	18 to 24 in.	5.00	45.00	400.00
800	2 to 2½ ft.	6.00	55.00	500.00
80	3 to 4 ft.	7.50	70.00	-----

ORNAMENTAL SHRUBS—Continued

FORSYTHIA—Continued

Spring Glory. April. 7-8 feet. Zone 5.

A new Forsythia which is, without a doubt, the loveliest of all. Its large pale yellow flowers completely cover the branches. The pale yellow is very brilliant and attractive.

	Per 10	Per 100	Per 1000
1040 12 to 18 in.	\$ 3.50	\$ 30.00	\$250.00
2400 18 to 24 in.	5.00	45.00	400.00
2260 2 to 3 ft.	6.00	55.00	500.00
220 3 to 4 ft.	7.50	70.00	650.00

Per 10 Per 100 Per 1000

suspensa fortunei. Fortune Weeping Forsythia. April. 8-9 feet. Zone 6.

A vigorous upright shrub with slightly drooping branches. Golden yellow flowers.

150 12 to 18 in.	\$ 3.50	\$ 30.00	\$-----
180 18 to 24 in.	5.00	45.00	-----
100 2 to 3 ft.	6.00	55.00	-----
230 3 to 4 ft.	7.50	70.00	650.00
190 4 to 5 ft.	9.00	85.00	800.00

suspensa sieboldi. Siebold Weeping Forsythia. April. 9 feet. Zone 6.

Bright yellow flowers are produced on very slender pendulous branches. Can be used to overhang wall or trained for a trellis. Branches root readily where they touch the ground.

140 12 to 18 in.	4.00	35.00	-----
420 18 to 24 in.	5.50	50.00	450.00
200 2 to 3 ft.	6.50	60.00	-----

HAMAMELIS

virginiana. Common Witchhazel. October. 15 feet. Zone 5.

Yellow ribbon like flowers borne on a bush covered with bright yellow fall foliage. Grows in partial shade and full sun.

300 9 to 12 in.	3.00	25.00	-----
700 12 to 18 in.	4.50	40.00	-----
480 18 to 24 in.	6.50	60.00	550.00
90 2 to 3 ft.	8.00	75.00	700.00

HIBISCUS

syriacus. Shrubalthea. August. 10-12 feet. Zone 6.

Large desirable shrub for specimen, group and screen planting.

12 to 18 in.	3.00	25.00	200.00
18 to 24 in.	4.00	35.00	300.00
2 to 3 ft.	5.00	45.00	400.00
3 to 4 ft.	6.50	60.00	550.00

Anemone, double pink	3/4'	2/3'	18/24"	12/18"
Ardens, double purple	250	250	540	250
Boule de Feu, double purplish-red	250	275	590	280
Jeanne d'Arc, double white	250	250	240	300
Lucy, semi-double rose	250	200	50	90

HYDRANGEA

Per 10 Per 100 Per 1000

arborescens grandiflora. Snowhill Hydrangea. July. 3-5 feet. Zone 4.

Upright, dense growing shrub with creamy white flowers in large rounded clusters about 6 inches in diameter. Easily grown, popular shrub particularly adapted to shade or semi-shade situations.

1150 12 to 18 in.	\$ 3.50	\$ 30.00	\$250.00
1890 18 to 24 in.	5.50	50.00	450.00
1090 2 to 3 ft.	6.50	60.00	550.00

macrophylla Nikko Blue. Nikko Blue Hydrangea. June. 9-10 feet. Zone 6.

Both hardy and beautiful. In alkaline soil the flowers are pink; in acid they are blue. To change alkaline soil into acid, use two tablespoons of aluminum sulphate to a gallon of water.

240 2 year No. 1 heavy field grown plants	8.50	80.00	-----
410 Medium	7.00	65.00	-----

ORNAMENTAL SHRUBS—Continued

HYDRANGEA—Continued

	Per 10	Per 100	Per 1000
paniculata grandiflora. Peegee Hydrangea. August. 25 feet. Zone 4.			
Enormous trusses of double white flowers changing in late Autumn to shades of pink and bronze. Responds to close pruning and fertilization.			
420 12 to 18 in.	\$ 3.50	\$ 30.00	\$250.00
890 18 to 24 in.	5.50	50.00	450.00
190 2 to 3 ft.	6.50	60.00	-----

HYPERICUM

kalmianum. Kalm St. Johnswort. July. 3 feet. Zone 5.

Produces handsome bright yellow, single flowers to 1 inch in diameter. A low compact plant of neat habit.

30 9 to 12 in.	3.00	25.00	-----
100 12 to 15 in.	4.50	40.00	-----
150 15 to 18 in.	5.50	50.00	-----
500 18 to 24 in.	7.00	65.00	600.00

prolificum. Shrubby St. Johnswort. July. 3 feet. Zone 5.

Very shrubby and hardy. Small narrow leaves; dense plant, mounded in habit, and covered with continuous blooms of single bright yellow for several weeks at a time. Brown, lustrous smooth bark in winter.

60 12 to 15 in.	4.50	40.00	-----
200 15 to 18 in.	5.50	50.00	-----
600 18 to 24 in.	7.00	65.00	600.00
70 2 to 2½ ft.	8.50	80.00	-----

ILEX

verticillata. Black Alder. Winterberry. June. 9 feet. Zone 4.

A deciduous holly. Bright red berries while leaves are still green and frequently remain until Christmas. Does well in damp areas.

210 12 to 18 in.	4.50	40.00	-----
140 18 to 24 in.	6.50	60.00	-----

KOLKWTZIA

amabilis. Beautybush. June. 10 feet. Zone 5.

A tall, upright growing plant with arching branches providing ornamental interest the year around. Pink flowers similar to Weigela, are borne in profusion.

560 9 to 12 in.	3.50	30.00	-----
320 12 to 18 in.	4.50	40.00	-----

LAGERSTROEMIA

indica. Common Crapemyrtle. August. 18-20 feet. Zone 7.

Crinkled bright pink to red flowers to 1½ inches in diameter produced over a long period. Blooms on current years growth so heavy pruning can be practiced. Vigorous rounded habit. Available in the following color varieties. SPRING only.

18 to 24 in.	4.00	35.00	-----
2 to 3 ft.	5.00	45.00	-----
	2/3'	18/24"	12/18"
Pink	230	300	50
Purple	150	300	50
Watermelon Red	250	450	500
White	180	290	40

LONICERA

Clavey's Compact Dwarf Honeysuckle. May. 5 feet. Zone 5.

A new, compact growing, dwarf Honeysuckle. Grows into well-furnished globe shape without shearing. Excellent specimen or as edging and hedging.

	Per 10	Per 100	Per 1000
50 12 to 18 in.	\$ 3.50	\$ 30.00	\$250.00
350 18 to 24 in.	4.50	40.00	350.00
1900 2 to 2½ ft.	5.50	50.00	450.00

ORNAMENTAL SHRUBS—Continued

LONICERA—Continued

Per 10 Per 100 Per 1000

maackii *Podocarpa*. **Podocarpa Amur Honeysuckle**. May. 15 feet. Zone 5.

Noteworthy for its retention of green leaves and bright red fruits in late fall. Produces fragrant white flowers.

70	12 to 18 in.....	\$ 3.00	\$ 25.00	\$ ----
140	18 to 24 in.....	4.00	35.00	----
90	2 to 3 ft.....	5.00	45.00	----
100	3 to 4 ft.....	6.50	60.00	----

morrowi. **Morrow Honeysuckle**. May. 6 feet. Zone 4.

Noted chiefly for its dense, moundlike habit of growth. Produces white flowers changing to yellow followed by dark red berries.

120	12 to 18 in.....	3.00	25.00	----
660	18 to 24 in.....	4.00	35.00	300.00
450	2 to 3 ft.....	5.00	45.00	400.00
400	3 to 4 ft.....	6.50	60.00	550.00

tatarica alba. **White Tatarian Honeysuckle**. May. 8-10 feet. Zone 3.

Flowers of pure white are followed by red berries. Upright, neat habit.

360	12 to 18 in.....	3.00	25.00	----
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tatarica rosea. **Rosy Tatarian Honeysuckle**. May. 8-10 feet. Zone 3.

Excellent blooms of rosy pink outside and light pink inside. An abundance of red berries.

1800	12 to 18 in.....	3.00	25.00	200.00
1400	18 to 24 in.....	4.00	35.00	300.00

tatarica sibirica. **Red Tatarian Honeysuckle**. May. 8-10 feet. Zone 3.

A profuse display of deep pink flowers followed by red berries. Hardy, neat and vigorous. Excellent as specimen as well as in screen and border.

100	2 to 3 ft.....	5.00	45.00	----
290	3 to 4 ft.....	6.00	55.00	----

zabeli. **Zabel Honeysuckle**. May. 7 feet. Zone 5.

An improved strain of the species. True deep pink flowers almost appear red in early bloom. Outstanding in flowers, fruit and hardiness.

3520	12 to 18 in.....	3.00	25.00	200.00
1500	18 to 24 in.....	4.00	35.00	300.00
2900	2 to 3 ft.....	5.00	45.00	400.00

PHILADELPHUS

coronarius. **Sweet Mockorange**. May. 9 feet. Zone 5.

Old fashioned sweet-scented Mockorange. Free flowering and vigorous. Single white flowers 1-1½ inches in diameter. Excellent for dry situations.

830	12 to 18 in.....	3.00	25.00	200.00
1260	18 to 24 in.....	4.50	40.00	350.00
900	2 to 3 ft.....	5.50	50.00	450.00
490	3 to 4 ft.....	7.00	65.00	600.00

grandiflorus. **Big Scentless Mockorange**. June. 9 feet. Zone 5.

Produces clusters of scentless white flowers to 1¾ inches in diameter. Habit of branches somewhat straggling.

250	12 to 18 in.....	3.00	25.00	----
270	18 to 24 in.....	4.50	40.00	----

lemoinei. **Lemoine Mockorange**. May-June. 4-5 feet. Zone 6.

Free flowering semi-dwarf variety. Sweet scented.

210	12 to 18 in.....	3.50	30.00	----
560	18 to 24 in.....	5.00	45.00	400.00

ORNAMENTAL SHRUBS—Continued

PHILADELPHUS—Continued

Per 10 Per 100 Per 1000

lemoinei Belle Etoile. June. 6 feet. Zone 6.

Single, fragrant, pure white flowers have a slight purple tinge deep in throat when first open and of 2-2¾ inches in diameter. Not considered hardy north of southern Iowa.

290	12 to 18 in.	\$ 4.50	\$ 40.00	\$ -----
540	18 to 24 in.	5.50	50.00	450.00
730	2 to 3 ft.	7.00	65.00	600.00

lemoinei Innocence. June. 8 feet. Zone 6.

One of the most fragrant varieties. The long arching branches are completely covered with large alabaster-white single blooms. Fragrance is more delicate yet more penetrating than Jasmine.

130	12 to 18 in.	4.50	40.00	-----
260	18 to 24 in.	5.50	50.00	-----

virginalis. Virginal. June. 6-8 feet. Zone 6.

Widely grown and distributed, double flowering, fragrant Mockorange. Flowers are large, 2 inches in diameter and appear intermittently through the summer.

320	12 to 18 in.	3.50	30.00	250.00
120	18 to 24 in.	5.00	45.00	400.00
870	2 to 3 ft.	6.00	55.00	500.00

PHYSOCARPUS

opulifolius. Common Ninebark. May-June. 9 feet. Zone 3.

Very hardy and vigorous. Does well in most any soil. Small white flowers in clusters. Attractive reddish color fruits turn brown when mature and remain on plant all winter. Bark shreds on larger plants during the winter.

80	18 to 24 in.	4.50	40.00	-----
200	2 to 3 ft.	5.50	50.00	-----
360	3 to 4 ft.	7.00	65.00	-----

opulifolius nanus. Dwarf Ninebark. June. 4-5 feet. Zone 3.

A particularly valuable, hardy, dwarf shrub of dense habit. Excellent facing plant, hedging material. Smaller, less lobed dark green leaves. Flowers and capsules similar to species.

200	12 to 18 in.	3.50	30.00	-----
140	18 to 24 in.	4.50	40.00	-----
160	2 to 3 ft.	5.50	50.00	-----
400	3 to 4 ft.	7.00	65.00	-----

POTENTILLA

fruticosa Lemon Drop. May-Sept. 4 feet. Zone 5.

A sturdy, hardy shrub producing lemon yellow blooms over an extremely long season.

80	9 to 12 in.	4.00	35.00	-----
120	12 to 15 in.	5.50	50.00	-----
30	15 to 18 in.	6.50	60.00	-----

PRUNUS

cistena. Purple-leaf Sand Cherry. May. 7 feet. Zone 2.

Valued especially for its colorful foliage; however, produces blackish purple cherries following small white flowers.

60	9 to 12 in.	3.50	30.00	-----
850	12 to 18 in.	4.50	40.00	-----

glandulosa. Doubleflowering Pink Almond. May. 4½ feet. Zone 5.

A beautiful shrub for foundation or border. Before leaves appear, it bears an abundance of small double pink flowers closely set on twigs. One of the best of all ornamental flowering shrubs.

520	12 to 18 in.	4.00	35.00	300.00
2600	18 to 24 in.	5.50	50.00	450.00
6600	2 to 3 ft.	6.50	60.00	550.00

ORNAMENTAL SHRUBS—Continued

PRUNUS—Continued

Per 10 Per 100 Per 1000

tomentosa. Manchu Cherry. April. 9 feet. Zone 2.

Excellent shrub producing white flowers tinged with pink just before the leaves. Edible fruit are scarlet cherries, $\frac{1}{2}$ inch in diameter.

170	9 to 12 in.	\$ 2.00	\$ 18.00	\$ -----
640	12 to 18 in.	3.00	25.00	200.00

tomentosa Orient. April. 9 feet. Zone 2.

Large shrub, vigorous and productive. Origin is Minnesota Fruit Breeding Farm. Fruit one-half inch in diameter, bright red. Flesh is meaty, juicy, and of pleasant flavor. Ripens early in July. Excellent jelly fruit. Budded plum.

40	3 to 4 ft.	11.00	100.00	-----
400	4 to 5 ft.	14.00	125.00	1100.00
50	5 to 6 ft.	16.00	150.00	-----

triloba. Flowering Plum. April. 15 feet. Zone 6.

Known as the "Rose Tree of China." One of the finest shrubs. Completely covered with pink rose-like flowers during April and May.

240	12 to 18 in.	4.00	35.00	-----
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RHODOTYPOS

scandens. Black Jetbead. May. 6 feet. Zone 6.

Four petal white flowers are followed by shiny black berries which remain on the plant all winter. Fine facing shrub and works into border well.

120	12 to 18 in.	4.00	35.00	-----
180	18 to 24 in.	6.00	55.00	-----
60	2 to 3 ft.	7.50	70.00	-----

RHUS

aromatica. Fragrant Sumac. May. 3-4 feet. Zone 4.

An excellent shrub of dense habit to use in front of larger plants or on banks. Small yellowish flowers are followed by scarlet fruit. Scarlet fall foliage. Very hardy and a rapid grower.

400	12 to 18 in.	4.50	40.00	350.00
1060	18 to 24 in.	5.50	50.00	450.00
710	2 to 3 ft.	7.00	65.00	600.00
35	3 to 4 ft.	8.50	-----	-----

RIBES

alpinum. Alpine Currant. May. 6-7 feet. Zone 3.

An attractively foliated hardy shrub that makes a dense, compact, upright specimen and more particularly adapts itself to hedging purposes.

100	12 to 15 in.	4.50	40.00	-----
120	15 to 18 in.	6.00	55.00	-----
100	18 to 24 in.	7.00	65.00	-----

SALIX

purpurea Dwarf. Dwarf Purpleosier Willow. March. 9 feet. Zone 5.

One of the better in the species with dense habit, fine leaves and purple twigs in winter. Suited to moist situations, hedges and borders.

100	9 to 12 in.	2.50	20.00	-----
2400	12 to 15 in.	3.00	25.00	200.00
2360	15 to 18 in.	3.50	30.00	250.00
250	18 to 24 in.	4.00	35.00	300.00
190	2 to 2½ ft.	4.50	40.00	350.00
90	2½ to 3 ft.	5.50	50.00	-----

ORNAMENTAL SHRUBS—Continued

SAMBUCUS

Per 10 Per 100 Per 1000

canadensis aurea. Golden American Elder. June. 12 feet. Zone 4.

Produces strikingly colorful foliage and flat clusters of white flowers followed by edible blue black fruit.

270	9 to 12 in.	\$ 3.00	\$ 25.00	\$ ----
240	12 to 18 in.	4.00	35.00	----
60	18 to 24 in.	5.00	45.00	----
160	2 to 3 ft.	6.50	60.00	----
100	3 to 4 ft.	8.00	75.00	----

SPIRAEA

albiflora. Japanese White Spirea. July. 1½ feet. Zone 5.

Dense, compact, low shrub covered with clusters of white flowers in July.

770	9 to 12 in.	3.50	30.00	250.00
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arguta. Garland Spirea. May. 5-6 feet. Zone 5.

The most free-flowering and showy of the early Spireas. Flat clusters of pure white flowers on arching branches. Useful specimen and in border.

50	9 to 12 in.	2.00	18.00	----
690	12 to 18 in.	3.00	25.00	200.00
450	18 to 24 in.	4.50	40.00	350.00

billardi. Billard Spirea. June. 6 feet. Zone 5.

Produces pyramidal spikes of bright rose flowers. Forms a dense mass of growth.

750	9 to 12 in.	2.00	18.00	150.00
2300	12 to 18 in.	3.00	25.00	200.00
3850	18 to 24 in.	4.50	40.00	350.00
1700	2 to 3 ft.	5.50	50.00	450.00

bumalda Anthony Waterer. June. 2 feet. Zone 5.

Flat clusters of bright crimson flowers to 6 inches in diameter and produced over a period of several weeks.

		Per 10	Per 100	Per 1000
2630	9 to 12 in.	\$ 3.00	\$ 25.00	\$200.00
6080	12 to 15 in.	4.00	35.00	300.00
9240	15 to 18 in.	5.00	45.00	400.00
1100	18 to 24 in.	6.00	55.00	500.00
800	2 to 2½ ft.	7.50	70.00	650.00

bumalda Froebel. Froebel Spirea. June. 2-3 feet. Zone 5.

A very hardy, vigorous spreading plant producing bright pink flowers. Young foliage has purplish tips. Autumn coloration reddish bronze.

		Per 10	Per 100	Per 1000
620	9 to 12 in.	\$ 3.00	\$ 25.00	\$200.00
900	12 to 18 in.	4.00	35.00	300.00
3100	18 to 24 in.	4.50	40.00	350.00
6900	2 to 2½ ft.	5.50	50.00	450.00
4300	2½ to 3 ft.	6.50	60.00	550.00

ORNAMENTAL SHRUBS—Continued

SPIREA—Continued

Per 10 Per 100 Per 1000

japonica coccinea. Redflowering Japanese Spirea. July. 4 feet. Zone 5.

Similar in growth and habit to Anthony Waterer Spirea but much clearer and richer coloring. Foliage shows little fading to magenta.

150	18 to 24 in.	\$ 6.50	\$ 60.00	\$ ----
150	2 to 2½ ft.	8.00	75.00	----

margaritae. Margarita Spirea. June. 4 feet. Zone 5.

Hybrid cross of japonica and superba. Small bright rose flowers in flat clusters 3 to 6 inches in diameter. Responds well to slight early spring pruning.

160	9 to 12 in.	3.00	25.00	----
200	12 to 15 in.	4.00	35.00	----
220	15 to 18 in.	5.00	45.00	----

thunbergi. Thunberg Spirea. May. 5 feet. Zone 4.

Low growing shrub with slender branches. Early pure white flowers in clusters. Fine textured foliage turns to orange and yellow in fall.

420	9 to 12 in.	2.00	18.00	150.00
2470	12 to 18 in.	3.00	25.00	200.00
2800	18 to 24 in.	4.50	40.00	350.00
2260	2 to 3 ft.	5.50	50.00	450.00
170	3 to 4 ft.	6.50	60.00	550.00

vanhouttei. Vanhoutte Spirea. May. 6 feet. Zone 4.

Profuse white flower clusters, gracefully arching branches and general dependability maintain a valued reputation for the Vanhoutte. Excellent for flowering hedge, border and shrub mass.

		Per 10	Per 100	Per 1000
3600	12 to 18 in.	\$ 2.50	\$ 22.00	\$200.00
14000	18 to 24 in.	3.50	32.00	300.00
13600	2 to 3 ft.	4.50	40.00	350.00
140	3 to 4 ft.	5.50	50.00	450.00

SYMPHORICARPOS

albus. Common Snowberry. June. 6 feet. Zone 4.

Per 10 Per 100 Per 1000

Attractive green foliage. Pink flowers. Large white fruit in clusters in autumn.

130	12 to 18 in.	\$ 3.00	\$ 25.00	\$200.00
780	18 to 24 in.	3.50	30.00	250.00
3100	2 to 3 ft.	4.00	35.00	320.00

orbiculatus. Indiancurrant Coralberry. July. 5-6 feet. Zone 2.

Hardy shrub producing small yellowish-white flowers. Important for the clusters of coral red berries in fall and winter.

420	12 to 18 in.	3.00	25.00	200.00
520	18 to 24 in.	3.50	30.00	250.00

ORNAMENTAL SHRUBS—Continued

SYRINGA

Per 10 Per 100 Per 1000

chinensis. Chinese Lilac. May. 15 feet. Zone 5.

Commonly called Rothomagensis. An upright shrub with arching branches and rich purple flowers. Very good for general planting because of its free blooming qualities and hardiness.

2350 12 to 18 in.	\$ 4.00	\$ 35.00	\$300.00
6200 18 to 24 in.	5.00	45.00	400.00
6500 2 to 3 ft.	6.00	55.00	500.00
400 3 to 4 ft.	7.00	65.00	600.00

josikaea. Hungarian Lilac. June. 12 feet. Zone 3.

Violet flowers in terminal panicles to 7 inches long. Glossy green foliage. Adaptable to clipping.

290 9 to 12 in.	3.00	25.00	-----
320 12 to 18 in.	4.00	35.00	300.00
350 18 to 24 in.	5.00	45.00	400.00
650 2 to 3 ft.	6.00	55.00	500.00
180 3 to 4 ft.	7.50	70.00	650.00

villosa. Late Lilac. June. 9 feet. Zone 2.

Panicles of delicate pink flowers. Dense dark green foliage. Valued for its dense, upright habit and late profuse flowers. One of the hardiest of all lilacs.

100 9 to 12 in.	3.00	25.00	-----
380 12 to 18 in.	4.00	35.00	300.00
590 18 to 24 in.	5.00	45.00	400.00
800 2 to 3 ft.	6.00	55.00	500.00
450 3 to 4 ft.	7.50	70.00	650.00

vulgaris alba. White Common Lilac. May. 20 feet. Zone 3.

A vigorous shrub with clusters of single white flowers among the attractive green foliage.

2080 9 to 12 in.	2.00	18.00	150.00
2600 12 to 18 in.	3.50	30.00	250.00

vulgaris purpurea. Common Lilac. May. 20 feet. Zone 3.

A hardy, attractive shrub with large clusters of purplish flowers.

3270 9 to 12 in.	2.00	18.00	150.00
5000 12 to 18 in.	3.50	30.00	250.00
270 18 to 24 in.	4.50	40.00	350.00
5100 2 to 3 ft.	5.50	50.00	450.00
1560 3 to 4 ft.	7.00	65.00	600.00

vulgaris. Hybrids and Horticultural Varieties. May. 15 feet. Zone 4.

OWN ROOT. These Lilacs have been grown from layers and root cuttings or grafted on California Privet and thus are largely on their own root. The California Privet either dies out or is cut out as a storage process.

These marvelous products of selection are rapidly becoming the most popular flowering shrubs because they are used as specimens, ornamental clumps, screens, and for hedges.

9 to 12 in.	3.50	30.00	-----
12 to 18 in.	4.50	40.00	-----
18 to 24 in.	6.50	60.00	-----
2 to 3 ft.	8.50	80.00	-----

	2/3'	18/24"	12/18"	9/12"
Belle de Nancy, double pink	---	---	---	900
Charles X, single magenta	---	---	760	3890
Macrostachya, single pink	---	---	---	100
Mme. Casimir Perier, double white	---	---	250	120
President Grevy, double blue	400	400	2300	1050
Ruhm von Horstenstein, single magenta	---	---	70	420
Vivian Morel, double lilac	---	---	180	360
Waldeck-Rousseau, double pink	---	370	70	80

TAMARIX

hispidula Summer Glow. July. 8 feet. Zone 6.

Per 10 Per 100 Per 1000

The finest variety we have ever seen. Lacy, silvery-blue foliage. Tyran rose flowers in spikes all summer. Good in dry soil, sun or part shade.

2300 9 to 12 in.	\$ 2.50	\$ 20.00	\$180.00
2050 12 to 18 in.	3.50	30.00	250.00

ORNAMENTAL SHRUBS—Continued

VIBURNUM

Per 10 Per 100 Per 1000

dentatum. Arrowwood Viburnum. June. 15 feet. Zone 3.

Attractive foliage. Flat clusters of white flowers are followed by blue-black fruit. Glossy red fall foliage. Strong, rapid grower.

460	12 to 18 in.	\$ 4.00	\$ 35.00	\$300.00
960	18 to 24 in.	5.00	45.00	400.00
1200	2 to 3 ft.	6.00	55.00	500.00
740	3 to 4 ft.	8.00	75.00	700.00
460	4 to 5 ft.	10.00	90.00	850.00

lantana. Wayfaringtree Viburnum. May. 15 feet. Zone 3.

Produces white flowers in flat clusters followed by bright red berries that turn black in fall when foliage becomes red.

400	9 to 12 in.	3.00	25.00	200.00
830	12 to 18 in.	4.00	35.00	300.00
1000	18 to 24 in.	5.00	45.00	400.00

lentago. Nannyberry Viburnum. May. 30 feet. Zone 3.

Shiny green leaves and a splendid purplish red autumn color rate this Viburnum as an excellent background or screen plant. Flat clusters of white flowers are followed by black berries valuable as winter bird food.

380	12 to 18 in.	4.00	35.00	300.00
1120	18 to 24 in.	5.00	45.00	400.00
2530	2 to 3 ft.	6.00	55.00	500.00
1120	3 to 4 ft.	8.00	75.00	700.00
550	4 to 5 ft.	10.00	90.00	850.00

molle. Kentucky Viburnum. June. 12 feet. Zone 3.

White flowers in long stemmed clusters to 3 inches across. Blue-black fruit.

70	12 to 18 in.	4.00	35.00	----
140	18 to 24 in.	5.00	45.00	----
160	2 to 3 ft.	6.00	55.00	----
160	3 to 4 ft.	8.00	75.00	----

opulus. European Cranberrybush. May. 12 feet. Zone 3.

Smooth, light gray branches. White flowers in flat clusters are followed by red berries. Fruit is effective both in fall and winter.

1440	9 to 12 in.	3.00	25.00	200.00
40	12 to 18 in.	4.00	35.00	----
340	18 to 24 in.	5.50	50.00	450.00

prunifolium. Blackhaw Viburnum. May. 15 feet. Zone 3.

Large shrub or can be grown as small tree with single trunk. White flowers in flat clusters. Blue-black berries about largest of any Viburnum have been popular for preserves since colonial times. Fine for either specimen or mass planting.

100	15 to 18 in.	5.00	45.00	----
130	18 to 24 in.	6.50	60.00	----
170	2 to 2½ ft.	8.00	75.00	----

sieboldi. Siebold Viburnum. May. 30 feet. Zone 5.

Lustrous dark green, 6 inch leaves on a large shrub with very desirable branching habit. Foliage red in fall. Creamy white flowers in flat clusters. Berries bright red on red stems for several weeks, then turning black. Fine specimen plant.

230	9 to 12 in.	3.00	25.00	200.00
60	12 to 18 in.	4.00	35.00	300.00
80	18 to 24 in.	5.50	50.00	----

tomentosum. Doublefile Viburnum. May. 8 feet. Zone 5.

White flowers in flat heads followed by bright red berries that turn to blue-black. Horizontal branching habit. Dull red autumn foliage.

120	9 to 12 in.	3.00	25.00	----
200	12 to 18 in.	4.00	35.00	----
60	18 to 24 in.	5.50	50.00	----

ORNAMENTAL SHRUBS—Continued

WEIGELA

Bristol Ruby. May. 5 feet. Zone 5.

	Per 10	Per 100	Per 1000
Large soft ruby-red flowers produced on a shapely, erect plant. Vigorous and hardy.			
320 12 to 18 in.....	\$ 4.00	\$ 35.00	\$300.00
340 18 to 24 in.....	5.50	50.00	450.00
230 2 to 3 ft.....	6.50	60.00	550.00
1520 3 to 4 ft.....	8.50	80.00	750.00

florida. Oldfashioned Pink Weigela. May. 6-8 feet. Zone 5.

Very popular. Displays beautiful, showy pink flowers.

150 12 to 18 in.....	3.50	30.00	-----
160 18 to 24 in.....	4.50	40.00	-----
760 2 to 3 ft.....	5.50	50.00	450.00
280 3 to 4 ft.....	7.00	65.00	600.00

Newport Red. (Vaniceki) May. 6 feet. Zone 4.

New ruby-red, recommended for its hardiness and its habit of growth. Neat, well-formed plant.

240 12 to 18 in.....	4.00	35.00	-----
40 18 to 24 in.....	5.50	50.00	-----
40 2 to 3 ft.....	6.50	60.00	-----
400 3 to 4 ft.....	8.50	80.00	-----

wagneri Eva Rathke. May. 5 feet. Zone 5.

Brilliant crimson flowers borne in profusion on a spreading shrub.

1050 12 to 18 in.....	3.50	30.00	250.00
1460 18 to 24 in.....	5.00	45.00	400.00
1390 2 to 3 ft.....	6.00	55.00	500.00

wagneri Henderson. May. 8 feet. Zone 4.

Very hardy. Produces light crimson flowers in abundance.

260 12 to 18 in.....	4.00	35.00	300.00
260 18 to 24 in.....	5.50	50.00	450.00
350 2 to 3 ft.....	6.50	60.00	550.00
170 3 to 4 ft.....	8.50	80.00	-----

wagneri purpurea. May. Zone 5.

An attractive purple leaved shrub with pink flowers.

110 9 to 12 in.....	3.50	30.00	-----
160 12 to 18 in.....	4.50	40.00	-----
500 18 to 24 in.....	6.00	55.00	-----
140 2 to 3 ft.....	7.50	70.00	-----

wagneri Stelzner.

A graceful spreading Weigela producing dark rose trumpets.

210 12 to 18 in.....	4.50	40.00	350.00
250 18 to 24 in.....	6.00	55.00	500.00
700 2 to 3 ft.....	7.50	70.00	650.00
90 3 to 4 ft.....	9.00	85.00	-----

Vines

(Tied, 2 year No. 1, 10; 2 year Medium, 25 per bundle)

CELASTRUS

Per 10 Per 100 Per 1000

orbiculata. Oriental Bittersweet. June. 36 feet. Zone 5.

An excellent twining vine. Leaves are more rounded than *C. scandens* and fruits, which are yellow and red berries, are in small lateral clusters instead of large terminal clusters.

240 3 year, No. 1	\$ 4.50	\$ 40.00	\$350.00
1620 2 year, No. 1	4.00	35.00	320.00
300 2 year, Medium	3.00	28.00	250.00

scandens. American Bittersweet. June. 20 feet. Zone 4.

Inconspicuous flowers. A tall vigorous climber, with bright green leaves and orange-yellow berries. Good for covering rocks, walls or lattice.

880 2 year, Medium	3.00	28.00	250.00
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CLEMATIS

tangutica. Golden Clematis. June. 9 feet. Zone 6.

Bright yellow blooms to 4 inches in diameter.

180 2 year, No. 1	7.00	65.00	-----
340 2 year, Medium	6.00	55.00	500.00

EUONYMUS

fortunei minimus. Baby Euonymus. Zone 6.

Slow growing dwarf evergreen with small leaves. Clings tightly to rough surfaces; excellent for covering low walls.

370 2 year, No. 1	6.50	60.00	----
290 2 year, Medium	5.50	50.00	-----

fortunei radicans. Common Wintercreeper. 25 feet. Zone 6.

Evergreen foliage with leaves about 1 inch long. Grows rapidly. Excellent climbing vine or ground cover.

1140 2 year, No. 1	6.50	60.00	550.00
490 2 year, Medium	5.50	50.00	450.00

LONICERA

heckrottii. Everblooming Honeysuckle. June. 30 feet. Zone 5.

A vinelike shrub, valued for its bright purple flowers that open with a deep yellow center. Blooms throughout the summer.

	Per 10	Per 100	Per 1000
310 3 year, No. 1	\$ 5.00	\$ 45.00	\$400.00
3000 2 year, No. 1	4.50	40.00	350.00
800 2 year, Medium	4.00	35.00	300.00

heckrottii Gold Flame. June. 30 feet. Zone 5.

Per 10 Per 100 Per 1000

Blooms all summer. The showy flowers, borne in clusters, are red outside and a deep yellow inside. Very fragrant.

200 2 year, No. 1	\$ 4.50	\$ 40.00	\$-----
200 2 year, Medium	4.00	35.00	---

sempervirens. Trumpet Honeysuckle. June. 50 feet. Zone 4.

Large coral-red trumpet shaped flowers and beautiful blue-green foliage especially recommend this vine. Blooms from June until frost.

530 2 year, No. 1	4.00	35.00	320.00
330 2 year, Medium	3.00	28.00	250.00

PAETHENOCISSUS

quinquefolia engelmanni. Engelmann Ivy. 50 feet. Zone 3.

A hardy, clinging vine producing dense green foliage that turns a vivid red in autumn. Leaves smaller than the species.

160 2 year, Medium	3.00	28.00	
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tricuspidata veitchii. Veitch Boston Ivy. 60 feet. Zone 5.

A graceful and hardy clinging vine. Glossy green foliage, purple when young and turning bright scarlet in fall. Rapid grower.

2800 2 year, No. 1	6.50	60.00	
160 2 year, Medium	4.50	40.00	

Hedging

Per 100 Per 1000

BERBERIS

thunbergi. Japanese Barberry. May. 5 feet. Zone 4.

550	9 to 12 in. 2 year seedlings, branched.....	\$ 8.50	\$ 75.00
3600	12 to 18 in. 2 and 3 year seedlings, branched....	11.00	100.00
3000	18 to 24 in. 2 and 3 year seedlings, branched.....	16.00	140.00

thunbergi atropurpurea. Redleaf Japanese Barberry. May. 6 feet. Zone 4.

300	9 to 12 in. 2 year seedlings, branched.....	11.00	100.00
3200	12 to 15 in. 2 and 3 year seedlings, branched.....	16.00	140.00
500	15 to 18 in. 2 and 3 year seedlings, branched.....	21.00	180.00
14000	18 to 24 in. 2 and 3 year seedlings, branched.....	24.00	220.00

CARAGANA

arborescens. Siberian Peashrub. May. 15-20 feet. Zone 2-3.

Per 100 Per 1000

7000	9 to 12 in.....	\$ 2.50	\$ 20.00
5200	12 to 18 in.....	3.50	30.00
3700	18 to 24 in.....	4.50	40.00
4700	2 to 3 ft.	6.00	55.00
3900	3 to 4 ft.....	8.00	75.00

LIGUSTRUM

amurense. Amur River North Privet. June. 15 feet. Zone 4.

Per 100 Per 1000

Produces white flowers in small spikes followed by dull, small black berries.			
2000	9 to 12 in., branched.....	\$ 8.50	\$ 75.00
1500	12 to 18 in., 2 canes and up.....	12.00	100.00
7200	12 to 18 in., 3 canes and up.....	14.00	120.00
1000	18 to 24 in., 2 canes and up.....	14.00	120.00
2800	18 to 24 in., 3 canes and up.....	16.50	140.00
400	2 to 3 ft., 2 and 3 canes and up.....	16.50	140.00
700	2 to 3 ft., 4 canes and up.....	21.00	180.00
330	3 to 4 ft., 4 canes and up.....	24.00	220.00

ovatifolium. California Privet. June. 15 feet. Zone 6.

Creamy white flowers in small clusters are followed by black berries.

9000	9 to 12 in., branched.....	8.50	75.00
8100	12 to 18 in., branched.....	12.00	100.00
380	18 to 24 in., branched.....	14.00	120.00
4000	2 to 3 ft.....	16.50	140.00

vulgare Lodense. Lodense Privet. 2-3 feet. Zone 5.

Per 10 Per 100

A compact, dwarf form in demand over a wide area. Excellent hedge material.

1000	6 to 9 in.....	\$ 1.50	\$ 12.00
1000	9 to 12 in.....	2.00	16.00
700	12 to 15 in.	2.50	22.00

ONICERA

Per 100 Per 1000

tatarica rosea. Rosy Tatarian Honeysuckle. May. 8-10 feet. Zone 3.

Flowers are rosy pink outside and light pink inside.

1800	9 to 12 in.....	\$ 8.50	\$ 75.00
1700	12 to 18 in.....	11.00	100.00
2100	18 to 24 in.....	16.00	140.00
300	2 to 3 ft.....	21.50	190.00

HEDGING—Continued

Per 100 Per 1000

zabeli. Zabel Honeysuckle. May. 7 feet. Zone 4.

Generally accepted as the best of the improved strains of Red Honeysuckle.
Prolific in berry. Tidy and hardy.

3300	9 to 12 in.....	\$11.00	\$100.00
500	12 to 18 in.....	16.00	140.00
1000	18 to 24 in.....	21.50	190.00
2700	2 to 3 ft.....	25.00	220.00

ROSA**multiflora. Japanese Rose. 10 feet. Zone 5.**

One of the most vigorous of all the rose species. Excellent ornamental hedge or thicket.

1000	No. 1, 3/16 to 1/4 in.....	4.00	35.00
1000	No. 2, 2/16 to 3/16 in.....	3.00	25.00

wichuraiana. Wichura Rose. Memorial Rose. July. Zone 6.

Truly procumbent. Valuable ground cover. Single, white, 2 inch flowers.

7600	No. 1, 3/16 to 1/4 in.....	4.50	40.00
47600	No. 2, 2/16 to 3/16 in.....	3.50	32.00

SPIRAEA**vanhouttei. Vanhoutte Spirea. May. 6 feet. Zone 4.**

Profuse white flower clusters, gracefully arching habit and general dependability make this one of the most valued hedging plants.

1300	9 to 12 in.....	8.50	75.00
500	12 to 18 in.....	12.00	100.00
6500	18 to 24 in.....	15.50	140.00

ULMUS**pumila. Siberian Elm.**

An excellent hedging material, "Lining Out Stock."

NOTE: *Lonicera heckrottii* makes a novel and attractive hedge when planted in rows and kept sheared. Blooms all summer. See "Vines" for further description and prices.

Lining Out Stock

Our liners are all carefully graded. The crooked and poor plants are discarded. We are confident that our stock will please you.

Tied: 3-4 ft. and up, 25; 2-3 ft. 50; 18-24 in. and smaller, 100 per bundle.

25 of each variety is a minimum order for potted liners.

Per 100 Per 1000

ACER		
ginnala. Ginnala Maple.		
6 to 12 in.....	\$ 4.50	\$ 40.00
saccharinum. Silver Maple. 1 and 2 year seedlings.		
3400 2 to 3 ft. 2 yr. slightly branched.....	7.00	60.00
2100 3 to 4 ft. 2 yr. slightly branched.....	10.00	90.00
200 4 to 5 ft. 2 yr. slightly branched.....	16.00	-----
AMORPHA		
fruticosa. Indigobush Amorpha.		
2500 6 to 12 in.....	7.50	60.00
CALICARPA		
dichotoma. Purple Beautyberry.		
4800 6 to 12 in.....	7.50	60.00
2200 12 to 18 in.....	10.00	85.00
1900 18 to 24 in.....	12.50	100.00
1400 2 to 3 ft.....	16.50	150.00
CARAGANA. Siberian Peashrub.		
7000 6 to 12 in.....	2.10	18.00
5200 12 to 18 in.....	3.50	30.00
4000 18 to 24 in.....	4.50	40.00
4700 2 to 3 ft.....	6.50	55.00
CATALPA		
Speciosa. Northern Catalpa.		
1200 6 to 12 in.....	1.40	12.00
2200 12 to 18 in.....	2.50	20.00
700 18 to 24 in.....	3.50	30.00
4150 2 to 3 ft.....	4.00	35.00
250 3 to 4 ft.....	5.50	-----
CELASTRUS		
orbiculatus. Oriental Bittersweet.		
15000 6 to 12 in.....	7.50	60.00
10000 12 to 18 in.....	10.00	90.00
CELTIS		
occidentalis. Common Hackberry.		
200 18 to 24 in.....	4.50	-----
1600 2 to 3 ft.....	6.50	60.00
500 3 to 4 ft.....	10.00	90.00
CERCIS. canadensis. Eastern Redbud.		
5600 6 to 12 in.....	4.50	40.00
700 12 to 18 in.....	7.00	60.00
3000 18 to 24 in.....	12.00	100.00
2700 2 to 3 ft.....	16.00	140.00
2800 3 to 4 ft.....	20.00	180.00
CORNUS		
alba sibirica. Siberian Dogwood.		
450 6 to 12 in.....	4.50	35.00
2900 12 to 18 in.....	6.50	60.00
3650 18 to 24 in.....	8.50	80.00
2000 2 to 3 ft.....	11.00	100.00
racemosa. Gray Dogwood.		
1000 12 to 18 in.....	6.50	60.00
1400 18 to 24 in.....	8.50	80.00
1100 2 to 3 ft.....	11.00	100.00

LINING OUT STOCK—Continued

CORNUS—Continued

		Per 100	Per 1000
stolonifera. Redosier Dogwood.			
1600	9 to 12 in.	\$ 4.50	\$ 35.00
4300	12 to 18 in.	6.50	60.00
800	18 to 24 in.	8.50	80.00
stolonifera flaviramea. Yellowtwig Redosier Dogwood.			
300	12 to 18 in.	6.50	60.00
3300	18 to 24 in.	8.50	80.00
1900	2 to 3 ft.	11.00	100.00

FRAXINUS

americana. White Ash.

2200	6 to 12 in.	1.80	15.00
2400	12 to 18 in.	2.50	20.00

quadrangulata. Blue Ash Seedlings.

1500	9 to 12 in.	4.00	35.00
2100	12 to 18 in.	5.00	45.00
2300	18 to 24 in.	6.50	60.00
2400	2 to 3 ft.	8.00	75.00

JUGLANS

nigra. Black walnut. 2 year seedlings.

1600	12 to 18 in.	4.50	40.00
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LIQUIDAMBER

styraciflua. American Sweetgum.

1600	9 to 12 in.	9.00	75.00
4600	12 to 18 in.	12.00	100.00

MORUS

alba tatarica. Russian Mulberry.

5800	18 to 24 in.	3.50	30.00
8700	2 to 3 ft.	4.50	40.00
3500	3 to 4 ft.	7.00	60.00

POPULUS

alba Belleana. Belleana Poplar.

400	12 to 18 in.	8.00	70.00
300	18 to 24 in.	12.00	100.00

Lombardy Poplar. 1 year hardwood cuttings.

1000	2 to 3 ft.	7.50	65.00
500	3 to 4 ft.	10.00	90.00
14000	4 to 5 ft., lightly branched.	14.00	120.00
13600	5 to 6 ft., lightly branched.	21.00	180.00
800	6 to 8 ft., lightly branched.	28.00	240.00

QUERCUS

palustris. Pin Oak. 2 and 3 year seedlings.

1800	18 to 24 in.	14.00	120.00
2000	2 to 3 ft.	22.50	200.00
2600	3 to 4 ft.	33.00	300.00
1500	4 to 5 ft.	45.00	425.00

ROBINIA

pseudoacacia. Black Locust.

1000	6 to 12 in.	1.80	15.00
1500	12 to 18 in.	2.60	22.00

LINING OUT STOCK—Continued

SALIX		Per 100	Per 1000
alba tristis. Niobe Willow.			
2000	2 to 3 ft.	\$ 9.00	\$ 80.00
800	3 to 4 ft.	14.00	120.00
alba vitellina. Yellowstem White Willow.			
1200	18 to 24 in.	4.50	40.00
3100	2 to 3 ft.	5.50	50.00
2400	3 to 4 ft.	8.50	75.00
600	4 to 5 ft.	11.00	100.00
300	5 to 6 ft.	16.00	140.00
blanda. Wisconsin Weeping Willow.			
1900	2 to 3 ft.	9.00	80.00
3700	3 to 4 ft.	14.00	120.00
3500	4 to 5 ft.	16.50	150.00
1500	5 to 6 ft.	22.50	200.00
SYRINGA			
josikaea. Hungarian Lilac. 2 year seedlings.			
900	6 to 9 in. seedlings	4.00	35.00
1400	9 to 12 in. seedlings	6.50	60.00
villosa. Late Lilac.			
1700	6 to 9 in.	4.00	35.00
300	9 to 12 in.	6.50	60.00
vulgaris. Common Purple Lilac. 1 year seedlings.			
3900	18 to 24 in. seedlings	8.50	75.00
1200	2 to 3 ft. seedlings	12.00	100.00
TAMARIX			
hispida Summer Glow.			
This grade ideal for containers.			
350	12 to 18 in. 1 cane	7.00	60.00
900	18 to 24 in. 1 cane	9.00	75.00
ULMUS			
americana. American Elm.			
16900	6 to 12 in.	2.00	18.00
10000	12 to 18 in.	2.50	22.00
9500	18 to 24 in.	3.50	30.00
1300	2 to 3 ft.	4.50	40.00
pumila. Chinese Elm. 1 and 2 year seedlings.			
29300	6 to 12 in.	1.80	15.00
15000	12 to 18 in.	2.50	22.00
34000	18 to 24 in.	3.50	30.00
2000	2 to 3 ft.	4.50	40.00
500	3 to 4 ft. Root pruned	7.00	60.00
2500	4 to 5 ft. Root pruned	12.00	100.00
1100	5 to 6 ft. Root pruned	19.00	160.00
VIBURNUM			
dentatum. Arrowwood. 1 year seedlings.			
700	12 to 18 in.	12.00	100.00
1000	18 to 24 in.	16.00	140.00
700	2 to 3 ft.	20.00	180.00
ZELKOVA			
serrata. Japanese Keaki Tree.			
700	9 to 12 in.	3.50	30.00
800	12 to 18 in.	4.50	40.00
1600	18 to 24 in.	5.50	50.00
700	2 to 3 ft.	7.00	65.00

Specimen Evergreens

PRICES include digging, BALLED and BURLAPPED by experienced personnel; however, ALL EVERGREENS ARE SOLD WITH THE DISTINCT UNDERSTANDING THAT IF PLANTS ARRIVE IN GOOD CONDITION AND ARE ACCEPTED OUR RESPONSIBILITY CEASES. We DO NOT guarantee survival.

WE INVITE inquiries for varieties and sizes not listed. Many items in nominal quantities of either size or variety are not listed herein.

ABIES

Per 10 Per 100

concolor. White Fir. 70-80 feet. Zone 3.

Large, gray-green needles on a symmetrical tree. Fine shape is held even when old.

15	2 to 2½ ft.	-----	\$35.00	\$ -----
10	2½ to 3 ft.	-----	45.00	-----

JUNIPERUS

chinensis mountbatten. Zone 4.

New columnar with silvery green foliage that holds its color well all winter.

35	18 to 24 in.	-----	35.00	325.00
190	2 to 2½ ft.	-----	42.50	400.00
65	2½ to 3 ft.	-----	47.50	450.00

chinensis pfitzeriana. Pfitzer Juniper. Zone 4.

Valuable natural spreading habit of growth.

80	12 to 15 in.	-----	22.50	200.00
500	15 to 18 in.	-----	27.50	250.00
1910	18 to 24 in.	-----	32.50	300.00
1700	2 to 2½ ft.	-----	37.50	350.00

chinensis pfitzeriana compacta. Zone 4.

Compact form of Pfitzer.

480	15 to 18 in.	-----	32.50	300.00
760	18 to 24 in.	-----	37.50	350.00

chinensis sargentii. Sargent Juniper. Zone 4.

Prostrate shrub with creeping stems.

135	12 to 15 in.	-----	27.50	250.00
335	15 to 18 in.	-----	32.50	300.00
150	18 to 24 in.	-----	37.50	350.00

chinensis sargentii Ames. Ames Juniper. Zone 4.

Broad upright plant, tapering to a pointed top.

200	18 to 24 in.	-----	37.50	350.00
225	2 to 2½ ft.	-----	45.00	425.00

chinensis Sargentii I-O-Ace. Zone 4.

Good green tapering upright with broad base.

35	18 to 24 in.	-----	37.50	350.00
75	2 to 2½ ft.	-----	45.00	425.00

chinensis sargentii Maneyi. Maneyi Juniper. Zone 4.

Prostrate variety that does well in shaded areas. Hardy.

15	15 to 18 in.	-----	32.50	-----
135	2 to 2½ ft.	-----	45.00	425.00

communis hibernica. Irish Juniper. Zone 2.

A dense, upright form of communis. Very symmetrical with glaucous green foliage.

375	18 to 24 in.	-----	15.00	125.00
100	2 to 3 ft.	-----	22.50	200.00
365	3 to 4 ft.	-----	30.00	275.00

SPECIMEN EVERGREENS—Continued

JUNIPERUS—Continued

	Per 10	Per 100
horizontalis plumosa. Andorra Juniper. Zone 3.		
Foliage more feathery and a lighter green than horizontalis. Turns pinkish to purple color in autumn and remains until new growth starts.		
100 15 to 18 in.	\$27.50	\$250.00
520 18 to 24 in.	32.50	300.00
procumbens. Jaggarden Juniper. Zone 6.		
Spreading shrub to 2 feet high.		
130 15 to 18 in.	35.00	325.00
sabina. Savin Juniper.		
Bushy, semi-upright growth; well covered with short, tufted, dark green foliage. Ideal for foundations, groups, or low borders.		
150 12 to 15 in.	20.00	175.00
960 15 to 18 in.	27.50	250.00
311 18 to 24 in.	32.50	300.00
scopulorum Blue Heaven.		
An attractive, easily maintained silvery blue pyramid.		
45 2½ to 3 ft.	47.50	
15 3 to 3½ ft.	55.00	
scopulorum Cologreen.		
Light green foliage. Conical habit of growth.		
100 2½ to 3 ft.	47.50	450.00
scopulorum Moffeti.		
Pyramidal habit with heavy base. Mixed green and silver foliage, more silver on tips of branches.		
20 2 to 2½ ft.	42.50	
155 2½ to 3 ft.	47.50	450.00
scopulorum Pathfinder.		
Compact pyramidal habit. Silvery-blue foliage.		
360 2 to 2½ ft.	42.50	400.00
260 2½ to 3 ft.	47.50	450.00
scopulorum Welchi.		
Of columnar habit and greenish silver color.		
175 2 to 2½ ft.	42.50	400.00
115 2½ to 3 ft.	47.50	450.00
virginiana Burki. Zone 2.		
Columnar growth habit and steel blue thick foliage. Responds to pruning.		
15 2 to 2½ ft.	42.50	
200 2½ to 3 ft.	47.50	450.00
virginiana Canaert. Zone 2.		
Of columnar habit and greenish silver color.		
70 2 to 2½ ft.	45.00	425.00
300 2½ to 3 ft.	50.00	475.00
virginiana Cupressifolia.		
Resembles Canaerti in color and form but grows faster.		
45 3 to 3½ ft.	55.00	525.00
80 3½ to 4 ft.	62.50	600.00
virginiana glauca. Zone 2.		
Very blue-gray leaves.		
200 2 to 2½ ft.	45.00	425.00
20 2½ to 3 ft.	50.00	
virginiana Hill Dundee. Zone 2.		
Broad, easily maintained pyramid. Gray green foliage turns plum color in fall.		
110 2 to 2½ ft.	42.50	400.00
160 2½ to 3 ft.	47.50	450.00

SPECIMEN EVERGREENS—Continued

JUNIPERUS—Continued

virginiana Keteleer. Zone 2.

Per 10 Per 100

Compact pyramidal form with ascending branches and dark green scale-like foliage.

20	2 to 2½ ft.	\$42.50	\$400.00
175	2½ to 3 ft.	47.50	450.00
175	3 to 3½ ft.	55.00	525.00
70	3½ to 4 ft.	62.50	600.00

PICEA

abies. Norway Spruce. 80-100 feet. Zone 2.

Dark green foliage. Rapid grower.

35	18 to 24 in.	30.00	---
30	2 to 2½ ft.	35.00	---

glauca densata. Black Hills Spruce. 60 feet. Zone 2.

Most compact, symmetrical, tall spruce. Green foliage with bluish tint.

100	15 to 18 in.	20.00	---
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PINUS

mughus. Mugho Pine. 4 feet. Zone 3.

Deep green foliage. Dwarf, compact round head.

90	12 to 15 in.	37.50	350.00
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PSEUDOTSUGA.

taxifolia douglasi. Douglas Fir. 70-80 feet.

Hardy gray-green pyramid. Rapid grower.

80	2 to 2½ ft.	45.00	425.00
80	2½ to 3 ft.	55.00	525.00

THUJA

occidentalis globosa. Globe Arborvitae. 3 feet. Zone 3.

Popular globe type for sun or shade.

840	12 to 15 in.	15.00	125.00
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occidentalis Little Champion. 20-36 inches. Zone 3.

A superb new evergreen originating in Canada. Grows thick and bushy without shearing. Rich, bright green foliage is lacy and soft. Very hardy.

40	12 to 15 in.	15.00	125.00
90	15 to 18 in.	20.00	175.00
10	18 to 24 in.	25.00	225.00

occidentalis Pyramidal. Pyramidal American Arborvitae. Zone 3.

Foliage of rich green. Narrow, pyramidal habit.

480	18 to 24 in.	25.00	225.00
495	2 to 2½ ft.	30.00	275.00
65	2½ to 3 ft.	32.50	300.00
75	3 to 3½ ft.	37.50	350.00

ROSES

All our roses are carefully grown, consistently sprayed and dusted during the growing season and dug only when thoroughly dormant. These roses are carefully graded and stored in our modern automatically controlled cold storage.

OUR ROSES ARE GUARANTEED TO PLEASE YOU

All roses are tied No. 1 and No. 1½, 10 per bundle.

WE DO NOT BREAK BUNDLES

Following the procedure of the American Rose Society, national ratings are given following the name: (9.1). The numeral following rating indicates relative height: 1 means low, 2 medium, 3 tall. Relative fragrance is indicated by the letter: S slightly fragrant, F moderate, V very fragrant.

TEA, HYBRID TEA AND EVERBLOOMING

	Per 10	Per 100	Per 1000
No. 1	\$ 6.50	\$ 60.00	\$550.00
No. 1½	5.25	47.50	425.00
No. 2	4.00	35.00	300.00

RED SHADES

	No. 1	No. 1½	No. 2
Ami Quinard, (6.3) 2 F. Dark velvety crimson, almost black. ..	50	100	50
Charlotte Armstrong, (9.0) 3 F. Long pointed bud. Double spectrum-red to cerise blooms on long stems. Vigorous compact bush.	100	150	50
Christopher Stone, (8.1) 2 F. Vivid-scarlet, free blooming plant.	250	200	130
Crimson Glory, (9.1) 3 V. Large, double, deep velvety crimson with shadings.	900	500	400
Etoile de Hollande, (8.1) 2 V. Bright red unfading bloom on upright stem. Free flowering.	100	100	200
Poinsettia, (7.6) 3 S. One of the most brilliant red roses ever produced. Poinsettia scarlet. Good grower and fine cut flower. Free bloomer.	250	150	300
Red Radiance, (7.9) 3 V. Bright rosy red, free blooming. ..	200	100	80

PINK SHADES

Editor McFarland, (7.1) 2 V. Large double, glowing pink blooms with slight yellow tinge.	850	250	300
Picture, (8.0) 2 S. Clear rose-pink. Large and double.	250	160	200
Pink Dawn, (7.1) 2 V. Deep rose-pink. Large and double.	100	80	60
Pink Radiance, (7.9) 3 V. Large rose-pink. Long stems. Dependable.	240	80	130
The Doctor, (7.6) 2 V. The buds are long and pointed; enormous blooms of satiny pink.	60	120	300

YELLOW SHADES

Eclipse, (8.1) 3 F. Long-pointed buds of deep gold opening to golden yellow blooms on long stems. Profuse bloomer.	120	80	60
Golden Dawn, (7.5) 1 V. Double bloom of light sunflower yellow. Bud flushed old rose. Low spreading plant.	60	120	260
Joanna Hill, (7.1) 2 F. Double blooms of golden buff, yellow center.	260	140	200
McGredy's Yellow, (7.5) 2 S. Large, double flowers of bright buttercup yellow.	130	180	140
Soeur Therese, (7.5) 2 S. Double, rich yellow blooms. Bronze foliage.	110	90	150

ROSES—Continued

TEA, HYBRID TEAS AND EVERBLOOMING—Continued

TWO-TONED SHADES

	No. 1	No. 1½	No. 2
Comtesse Vandal , (7.5) 2 F. Long, pointed, orange-copper buds. Large double blooms of salmon and coppery pink on strong stems.	180	120	120
Condesa de Sagato , (7.4) 3 F. Petal are coppery pink inside, golden reverse.	120	80	60
Pres. Herbert Hoover , (7.7) 3 F. Varying orange shades with lighter outside petals. Double.	400	360	500
Talisman , (6.5) 3 F. Golden yellow and copper blooms on long stems.	110	90	70

WHITE SHADES

K. A. Viktoria , (6.7) 3 S. Very double, snowy white, lemon tinted center.	90	120	60
McGredy's Ivory , (7.2) 2 F. Ivory-white with yellow base. Glossy, dark foliage.	400	160	320
Mme. Jules Bouche , (7.0) 2 F. White and pale blush center. Persistent bloomer.	800	210	50
Pedralbes , (7.4) 2 S. Cream turning to pure white. Large, double.	110	80	60
Rex Anderson , (6.9) 2 F. An outstanding exhibition rose of delicate lovely ivory-white. Flowers perfectly formed and slow opening.	90	70	300

DWARF POLYANTHA AND FLORIBUNDA ROSES

	Per 10	Per 100	Per 1000
No. 1	\$ 6.50	\$ 60.00	\$550.00
No. 1½	5.25	47.50	425.00
No. 2	4.00	35.00	300.00
	No. 1	No. 1½	No. 2
Alain , (7.7) 2 S. Medium sized semi-double flower of bright carmine red in clusters. Glossy dark foliage. Upright, bushy plant.	90	80	70
Dagmar Spaeth , (8.2) 2 F. Alabaster white, edged pink.	60	80	40
Eutin (8.6) 2 S. Immense clusters of double, carmine-red flowers. Vigorous grower. Mildew resistant bush. Continuous bloomer.	110	90	40
Floradora , (8.2) 3 S. Scarlet and geranium red floribunda producing double 50 petaled flowers. Height 2½ feet. A.A.R.S. 1945 Award.	160	70	50
Frensham , (8.6) 2 S. Deep unfading scarlet in large trusses. Semi-double. Free blooming.	150	80	90
Garnette , (7.8) 2 S. Garnet-red with light lemon yellow base. Double.	50	60	200
King Boreas , (6.9) 2 F. Very double, pure yellow shading to nearly white. Recurrent bloomer. Hardy.	90	60	30
Lafayette Improved , (7.8) 2 S. Large flowers of bright cherry-crimson.	600	380	400
Permanent Wave , (8.1) 3 S. Bright carmine, semi-double flowers in clusters. Edges of petals wavy.	210	180	80
Pinocchio , (7.8) 2 F. Blooms double, pink suffused salmon in long sprays.	140	90	40
Rosenelfe , (8.2) 2 F. Double, LaFrance pink flowers in clusters on long, strong stems.	90	80	30
Summer Snow , (7.4) 2 S. The most prolific of white floribundas. Flowers in large clusters.	110	70	40
World's Fair , (8.0) 2 F. Blooms in large clusters of deep crimson fading to scarlet.	820	260	340

ROSES—Continued

CLIMBERS AND RAMBLERS

	Per 10	Per 100	Per 1000
Blaze, (). Everblooming. An improved strain that blooms through-out the summer. Produces brilliant scarlet red flowers of large size.			
210 No. 1	\$ 7.00	\$ 65.00	\$600.00
120 No. 1½	6.00	55.00	500.00
90 No. 2	5.00	45.00	.....
City of York, (8.6) F. Semi-double, creamy-white in clusters of 7 to 15. Very vigorous climber and blooms profusely.			
120 No. 1	6.50	60.00	550.00
90 No. 1½	5.50	50.00	450.00
60 No. 2	4.00	35.00	.....
Cl. American Beauty, (7.6) V. Flowers rose-red on long stems in June.			
170 No. 1	6.00	55.00	500.00
150 No. 1½	5.00	45.00	400.00
80 No. 2	3.20	28.00	.....
Climbing Hybrid Tea			
No. 1	7.00	65.00	600.00
No. 1½	6.00	55.00	500.00
No. 2	4.50	40.00	350.00
Talisman, Pink blend.			
	No. 1	No. 1½	No. 2
	1100	400	300
Caledonia, Large double white.			
	260	140	60
Pink Radiance, Rose pink.			
	700	400	100
Red Radiance, Light red.			
	760	420	80
	Per 10	Per 100	Per 1000
Cl. Summer Snow, () Glacier white double blooms in large clusters. A persistent bloomer, vigorous and hardy.			
110 No. 1	\$ 7.00	\$ 65.00	\$600.00
90 No. 1½	6.00	55.00	500.00
60 No. 2	4.50	40.00	.....
Doubloons, (7.1) F. Double, rich gold, fragrant flowers in clusters on strong stems.			
250 No. 1	6.50	60.00	550.00
110 No. 1½	5.50	50.00	450.00
90 No. 2	4.00	35.00	.....
New Dawn, (8.8) S. Fragrant blush pink flowers in clusters Everblooming.			
120 No. 1	6.50	60.00	550.00
110 No. 1½	5.50	50.00	450.00
80 No. 2	4.00	35.00	.....
Paul's Scarlet, (9.1) S. Large intense scarlet flowers borne in clusters, free-flowering and hardy.			
190 No. 1	6.00	55.00	500.00
130 No. 1½	5.00	45.00	400.00
60 No. 2	3.50	30.00	250.00

ROSES—Continued

PATENTED ROSES

We offer these roses under license from patent owner. It is understood and agreed that they are **FOR SALE AT RETAIL ONLY**, at or above prices specified. **PRICES ARE NET.**

SORRY, WE CANNOT ACCEPT ORDERS FOR BROKEN BUNDLES.

HYBRID TEA

	10-20 Each	20-100 Each	100-250 Each	250-up Each
Arlene Francis, (7.1) 2 F. Patent No. 1684. (Retails \$3.00 ea.; 3 or more \$2.65 ea.) Golden yellow 5 inch blooms average from 20 to 25 petals. Medium tall plant with good foliage. Prolific bloomer; hardy.				
230 No. 1	\$1.65	\$ 1.50	\$ 1.40	\$ ---
120 No. 1½	1.32	1.20	---	---
Aztec, (7.7) Patent No. 1648. (Retails \$2.75 ea.; 3 or more \$2.40 ea.) A vivid scarlet-orange beauty, with big, long-lasting, show-type flowers on a vigorous easily grown plant. Ovoid buds and double, high-centered blooms.				
200 No. 1½	1.20	1.10	---	---
Blanche Mallerin, (7.1) 2 F. Patent No. 594. (Retails \$2.00 ea.; 3 or more \$1.75 ea.) Long shapely buds and beautifully molded blooms of pure satiny white are produced freely on a vigorous and upright bush. Sweetly fragrant.				
700 No. 1	1.10	1.00	.95	.85
210 No. 1½ .....	.88	.80	.76	.68
Capistrano, (7.4) 3 F. Patent No. 922. (Retails \$2.00 ea.; 3 or more \$1.75 ea.) Bright pink buds and blooms. Flowers are large and double, 6 inches. Leathery foliage on vigorous upright plant.				
400 No. 1	1.10	1.00	.95	---
170 No. 1½ .....	.88	.80	.76	---
Chrysler Imperial, (8.8) 2 V. Patent No. 1167. (Retails \$2.50 ea.; 3 or more \$2.20 ea.) In color, CHRYSLER IMPERIAL is unmatched by any other red rose, its vivid, rich tones of crimson are enhanced by darker overtones of glowing oxblood red, and the gem-like luster of garnet in the folds retains its sparkling beauty. Long, tapering buds unfold even in adverse weather, opening to large high centered flowers measuring 4½ to 5 inches with 40 to 50 petals. These are borne on sturdy, medium long stems. The opening of each glorious rose is a thrilling spectacle of changing, iridescent shades of red. In growth, CHRYSLER IMPERIAL ROSE is compact and symmetrical. Its abundant, dark green, semi-glossy foliage gives the bush the appearance of a handsome garden shrub. A.A.R.S. award for 1953.				
960 No. 1	1.40	1.25	1.20	1.10
290 No. 1½	1.12	1.00	.96	.88

ROSES—Continued

PATENTED HYBRID TEA—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
Duet, () 2 S. Patent No. 1903. (Retail \$3.50 ea.; 3 or more \$3.10 ea.) Large urn shaped bud. Double high centered flower with light pink petals and dark pink or light red reverse. The blooms borne singly and several together have good lasting qualities. Leathery dark green foliage. Disease resistant. Vigorous upright plant. Profuse bloomer. A.A.R.S. Award 1961.				
1200 No. 1	\$1.90	\$ 1.75	\$	\$
1800 No. 1½	1.52	1.40		
Forty-Niner, (6.8) 2 S. Patent No. 792. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Brilliantly hued bi-color that justly secured an A.A.R.S. award for 1949. Its contrasting colors are startling in their brilliance, and yet they blend together beautifully. Inside of petals is a vivid orient red, while the outside is a chrome yellow, changing to straw yellow. Colors are lasting and bright. The long bud opens to a well shaped bloom of 25 to 40 petals.				
110 No. 1½	1.12	1.00		
Fred Howard, (6.6) 2 S. Patent No. 1006. (Retail \$2.00 ea.; 3 or more \$1.75 ea.) Large, double bloom of golden orange with pink shadings. Strong, upright plant. Long blooming period.				
300 No. 1	1.10	1.00	.95	
40 No. 1½	.88	.80		
Gail Borden, (7.7) 2 F. Patent No. 1618. (Retail \$3.00 ea.; 3 or more \$2.65 ea.) Pink interior with apricot-yellow outside. Beautiful bud and flower form. Rugged, glossy foliage is disease resistant.				
170 No. 1	1.65	1.50	1.40	
150 No. 1½	1.32	1.20	1.12	
Garden Party, Patent No. 1814. (Retail \$3.00 ea.; 3 or more \$2.65 ea.) A.A.R.S. Award Winner for 1960. A cross between Charlotte Armstrong and Peace. Displays cream and ivory petals, delicately tinted with soft pink. The fully double blooms, opening from long, well shaped buds, often measure as much as seven inches across and are supported on long sturdy stems. The plant is vigorous and free branching, producing a continuous succession of flowers.				
180 No. 1	1.65	1.50		
90 No. 1½	1.32	1.20		
Golden Scepter, (7.3) 3 F. Patent No. 910. (Retail \$1.85 ea.; 3 or more \$1.65 ea.) Rare, new, unfading, golden-yellow; long, slender buds, large, high-centered. Won the highest Rose award in Holland.				
180 No. 1	1.05	.92½	.85	
120 No. 1½	.84	.74	.68	

ROSES—Continued

PATENTED HYBRID TEA—Continued

		10-20 Each	20-100 Each	100-250 Each	250-up Each
Helen Traubel, (8.7) 3 F. Patent No. 1028. (Retail \$2.75 ea.; 3 or more \$2.40 ea.) Named after one of the greatest of American Concert Artists. The color varies with the weather, sometimes a light sparkling pink, more often a luminous apricot. Its unusually large and long buds are magnificent and the half open flower and the glorious fully opened bloom display the lovely color in a most lavish way.					
160 No. 1	-----	\$1.50	\$ 1.37½	\$.	\$.
110 No. 1½	-----	1.20	1.10		
Katherine T. Marshall, (7.2) 3 S. Patent No. 607. (Retail \$1.85 ea.; 3 or more \$1.65 ea.) A rose of rare beauty and delicacy of form growing vigorously with large; open upright blooms of warm glowing pink, fruity fragrance. Perfect form and long stems.					
660 No. 1	-----	1.05	.92½	.85	.80
110 No. 1½	-----	.84	.74	.68	
Kordes Perfecta, (7.8) Patent No. 1604. (Retail \$3.50 ea.; 3 or more \$3.10 ea.) Urn shaped buds open into flowers of 4 to 5 inches and 65 to 70 petals. Blooms are high-centered, very fragrant, cream tipped and then flushed crimson, suffused yellow. Long, strong stems. Dark, glossy foliage.					
560 No. 1	-----	1.85	1.75	1.55	1.40
140 No. 1½	-----	1.48	1.40	1.24	
Love Song, (6.5) 2 V. Patent No. 1360. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Very double, beautifully formed rose of watermelon pink. Vivid yellow reverse. Upright plant with deep green waxy leaves.					
130 No. 1	-----	1.40	1.25	1.20	
140 No. 1½	-----	1.12	1.00	.96	
Lowell Thomas, (7.7) 2 F. Patent No. 595. (Retail \$2.25 ea.; 3 or more \$2.00 ea.) Bud large, long-pointed; flower large, very double (35 to 40 petals), high centered, lasting. Clear canary-yellow on strong stem. Vigorous compact, bushy, plants; upright intermittent bloomer. A.A.R.S. award for 1944.					
40 No. 1	-----	1.25	1.12½		
140 No. 1½	-----	1.00	.90		
Mirandy, (7.7) 3 V. Patent No. 632. (Retail \$2.25 ea.; 3 or more \$2.00 ea.) First place winner of All-American rose competition of 1945. A strong free-branching plant producing large, long pointed ovoid buds of rich dark red with black shadings, opening to Chrysanthemum-red. The flower of 50 petals displays new beauties of form and is long lasting. Marvelously fragrant.					
900 No. 1	-----	1.25	1.12½	1.05	.95
220 No. 1½	-----	1.00	.90	.84	

ROSES—Continued

PATENTED HYBRID TEA—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
Mojave , (7.4) 2 F. Patent No. 1176. (Retail \$2.75 ea.; 3 or more \$2.40 ea.) Slender bud opening into a blend of salmon, apricot and orange. A Charlotte Armstrong Cross that has many of its parents fine characteristics.				
90 No. 1	\$1.50	\$ 1.37½	\$..	\$..
80 No. 1½	1.20	1.10	....	....
New Yorker , (8.0) 2 F. Patent No. 823. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Brilliant red, with color long lasting and sun-resistant. Plant is sturdy, upright and vigorous. The buds slowly open into very large flowers, often measuring 6½ inches across, of scarlet with rose red undertones and overlaid with rich velvety-sheen.				
200 No. 1	1.40	1.25	....	....
500 No. 1½	1.12	1.00	.96	....
Nocturne , (8.1) 3 V. Patent No. 713. (Retail \$2.25 ea.; 3 or more \$2.00 ea.) Bright cardinal red with dark shadings of crimson. The large petals have good substance, are richly textured and the pleasantly fragrant flower is long lasting. Color is somewhat lighter and brighter during hot weather. A.A.R.S. award for 1948.				
530 No. 1	1.25	1.12½	1.05	.95
160 No. 1½	1.00	.90	.84	....
Peace , (9.6) 3 S. Patent No. 591. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Ovoid buds are golden-yellow etched with pink as they open; color changes from canary-yellow, pale golden, to iridescent cream. Petals are edged with apple-blossom-pink that deepens as the flowers slowly open to glorious 5 inch blooms. A.A.R.S. award for 1946.				
980 No. 1	1.40	1.25	1.20	1.10
800 No. 1½	1.12	1.00	.96	.88
Pink Peace , (7.3) Patent No. 1759. (Retail \$3.00 ea.; 3 or more \$2.65 ea.) Very fragrant and non-fading pink blooms are borne individually on long stems. The vigorous upright plant is quite generous with the 60-65 petal flowers. Disease resistant leathery leaves.				
140 No. 1	1.65	1.50	....	....
80 No. 1½	1.32	1.20	....	....
Rubaiyat , (8.2) 3 V. Patent No. 758. (Retail \$1.85 ea.; 3 or more \$1.65 ea.) Shapely buds open to large, double flowers of rose-pink to cerise red. Plant is tall, hardy and disease resistant.				
270 No. 1	1.05	.92½	.85	.80
100 No. 1½ .....	.84	.74	....	....

ROSES—Continued

PATENTED HYBRID TEA—Continued

		10-20 Each	20-100 Each	100-250 Each	250-up Each
Show Girl, (7.6) 2 F. Patent No. 646. (Retail \$2.25 ea.; 3 or more \$2.00 ea.) Perfectly formed buds of deep pink. Heavy textured petals and lasting quality of blooms make this one of the best pink roses for cutting. Long stems.					
900 No. 1	.....	\$1.25	\$ 1.12½	\$ 1.05	\$.95
260 No. 1½	.....	1.00	.90	.84	.76
Suspense, (..) Patent applied for. (Retail \$3.00 ea.; 3 or more \$2.65 ea.) Yellow buds opening to a good lasting bloom of Turkey red with outside of petals yellow-ochre. Flowers 6 inches across have 55 to 60 petals and a slight tea fragrance. Borne singly. Leathery glossy, dark green leaves. Upright bushy plant. Free, continuous bloom.					
110 No. 1½	.....	1.32	1.20	----	----
Sun Valley, (6.5) 2 V. Patent No. 1135. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Golden yellow flowers hold brilliant tone in open blooms and are borne profusely throughout the season on tall straight stems. Shining dark green foliage is disease resistant.					
500 No. 1	.....	1.40	1.25	1.20	1.10
60 No. 1½	.....	1.12	1.00	----	----
Sutters Gold, (8.1) 3 V. Patent No. 885. (Retail \$2.25 ea.; 3 or more \$2.00 ea.) Beautiful long-point, yellow bud, richly shaded with orange and red. Rich tea fragrance not found in any other yellow rose. The 24-petaled flowers are high centered and richly colored. A.A.R.S. award for 1950.					
140 No. 1	.....	1.25	1.12½	----	----
150 No. 1½	.....	1.00	.90	----	----
Tallyho, (8.4) 3 V. Patent No. 828. (Retail \$2.25 ea.; 3 or more \$2.00 ea.) Ovoid buds open to large high centered double flowers with a spicy fragrance. The inside of the petals are old rose while the reverse side is brilliant crimson. The tall robust plants are very hardy. A.A.R.S. Award for 1949.					
90 No. 1	.....	1.25	1.12½	1.05	----
70 No. 1½	.....	1.00	.90	.84	----
Tiffany, (8.8) 3 V. Patent No. 1304. (Retail \$2.75 ea.; 3 or more \$2.40 ea.) Pointed buds of deep pink with golden shading at base, open to a phlox-pink bloom. Flowers are perfectly formed, double and have exceptional lasting qualities. Blooms are borne singly on long stems. Vigorous upright bush with dark green foliage. A.A.R.S. award for 1955.					
560 No. 1	.....	1.50	1.37½	1.30	1.20
80 No. 1½	.....	1.20	1.10	.....	.....

ROSES—Continued

PATENTED HYBRID TEA—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
Twilight, (6.1) 2 F. Patent No. 1434. (Retail \$2.75 ea.; 3 or more \$2.40 ea.) Double blooms in a pastel tint of lavender-lilac with silvery reverse. Flowers usually borne singly on 12 to 15 inch stems. The 20 to 24 inch plant has excellent foliage.				
150 No. 1	\$1.50	\$ 1.37½	\$..	\$
220 No. 1½	1.20	1.10	....	....
White Knight, (7.2) Patent No. 1359. (Retail \$3.00 ea.; 3 or more \$2.65 ea.) First white hybrid tea ever awarded the A.A.R.S. honor. Superb form of both bush and flower. The satiny white blossoms hold their purity of color on long stems ideal for cutting. The 35 petals roll loosely outward achieving a stunning effect in the open flower. 1958 A.A.R.S. award winner.				
320 No. 1½	1.32	1.20	1.12	1.04

PATENTED CLIMBERS

Cl. Blossomtime, (8.3) V. Patent No. 1240. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Flowers of hybrid tea form, light pink with deeper tones on the outside. Moderate climber. Profuse bloom all season.				
260 No. 1	1.40	1.25	1.20	....
290 No. 1½	1.12	1.00	.96	....
Cl. Crimson Glory, (8.3) V. Patent No. 736. (Retail \$2.75 ea.; 3 or more \$2.40 ea.) Produces an abundance of perfectly formed crimson colored blooms.				
280 No. 1	1.50	1.37½	..	..
90 No. 1½	1.20	1.10	....	....
Cl. Golden Showers, (7.4) F. Patent No. 1557. (Retail \$2.75 ea.; 3 or more \$2.40 ea.) Golden Showers is the first winter-hardy ever blooming pillar and climbing rose that actually blooms from early spring through to late fall. The buds and flowers are exquisitely shaped daffodil yellow, long pointed buds with fragrant, high centered, 25-30 petaled 3½ to 4 inch yellow open blooms. Almost thornless. Highly resistant to mildew and black spot. 1957 A.A.R.S. Award Winner.				
130 No. 1	1.50	1.37½	1.30	..
90 No. 1½	1.20	1.10	1.04	..
Cl. Peace, (7.2) S. Patent No. 932. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Climbing form of the famous Hybrid Tea. Blooms lemon-yellow, edged rose-pink. Very dark glossy foliage.				
690 No. 1	1.40	1.25	1.20	1.10
120 No. 1½	1.12	1.00	.96	..

ROSES—Continued

PATENTED CLIMBERS—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
Don Juan, (8.2) Patent No. 1864. (Retail \$3.00 ea.; 3 or more \$2.65 ea.) Pillar type. Constant display of deep velvety red 5 inch flowers with delightful fragrance. Color holds, does not burn. Excellent for cutting. Very hardy.				
200 No. 1½ -----	\$1.32	\$ 1.20	\$ ----	\$ ----

PATENTED FLORIBUNDA

Baby Blaze, (7.6) Patent No. 1362. (Retail \$2.00 ea.; 3 or more \$1.75 ea.) A 1955 introduction which features dark red buds, opening to a rich velvety cherry-red color and only a few shades lighter when fully opened. Does not blue in any stage. Excellent for group plantings, foundation plantings and hedges. Flowers produced in large clusters of from 10 to 25 on a shoot. Vigorous grower, bushy, 3 feet.				
140 No. 1 -----	1.10	1.00	.95	----
110 No. 1½ -----	.88	.80	.76	----

Chatter, (7.3) Patent No. 739. (Retail \$1.50 ea.; 3 or more \$1.30 ea.) Unusually bright crimson, generous flower clusters, continuously in bloom, velvety firm petals.				
60 No. 1 -----	.90	.75	----	----
320 No. 1½ -----	.72	.60	.56	----

Circus, (7.8) Patent No. 1382. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) A.A.R.S. Award for 1956. The first Floribunda ever to win this award. Perfect urn-shaped buds of bright red and yellows, each color changing as the high-centered flower unfolds. Predominating color may be orange, then pink or gold, maturing a bright red. Mildly fragrant and of lasting substance making it fine for cutting. Plant is vigorous, medium low and compact with handsome foliage.				
90 No. 1 -----	1.40	1.25	1.20	----
100 No. 1½ -----	1.12	1.00	.96	----

Fashion, (8.9) 2 F. Patent No. 789. (Retail \$2.00 ea.; 3 or more \$1.75 ea.) Brilliant coral-peach flowers open with wavy graceful petals. All season bloom, large clusters and singly. A.A.R.S. Award for 1950.				
90 No. 1 -----	1.10	1.00	.95	.85
80 No. 1½ -----	.88	.80	.76	.68

ROSES—Continued

PATENTED FLORIBUNDA—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
Fire King, () Patent No. 1758. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Tall growing floribunda with perfectly formed, brilliant vermilion flowers measuring from two to three inches across. Deep red buds open to brighter blooms of 45 to 50 petals, which form heavy clusters. Strong grower with dark green foliage. A.A.R.S. Award Winner 1960.				
110 No. 1	\$1.40	\$ 1.25	\$ 1.20	\$ 1.10
90 No. 1½	1.12	1.00	.96	.88
Fusilier, (7.8) Patent No. 1709. (Retail \$2.00 ea.; 3 or more \$1.75 ea.) Rich orange red of great brilliance which runs to a darker cherry red in the fall. Flowers are produced in heavy clusters. Petals of the large blooms are frilled. 1958 A.A.R.S. Award.				
100 No. 1	1.10	1.00	.95	.85
80 No. 1½ .....	.88	.80	.76	.68
Gold Cup, (7.1) Patent No. 1683. (Retail \$2.00 ea.; 3 or more \$1.75 ea.) Golden yellow blooms hold their color throughout life of the flower. Lovely fragrance. Glossy foliage. 1958 A.A.R.S. Award.				
130 No. 1	1.10	1.00	.95	.85
90 No. 1½ .....	.88	.80	.76	.68
Goldilocks, (7.3) 1 F. Patent No. 672. (Retail \$1.75 ea.; 3 or more \$1.55 ea.) Large double blooms of deep yellow borne in clusters on small bushy plant. Free bloomer.				
120 No. 1	1.00	.87½	.80	.75
90 No. 1½ .....	.80	.70	.64	.60
Independence, (8.2) 2 F. Patent No. 1036. (Retail \$1.75 ea.; 3 or more \$1.55 ea.) Clusters of large double blooms of spectrum-red. Dark, glossy foliage on well branched plants.				
980 No. 1	1.00	.87½	.80	.75
150 No. 1½ .....	.80	.70	.64	.60
Ivory Fashion, (8.0) Patent No. 1688. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Buds resemble those of a Hybrid Tea, and the high centered flower is almost 4 inches wide when open. The ivory color is set off by a suggestion of yellow in the bud stage and the petals hold well after opening. The plant achieves a height of some 30 inches. Bloom period is unusually long. 1959 A.A.R.S. Award.				
90 No. 1	1.40	1.25	1.20	----
60 No. 1½	1.12	1.00	.96	----
Jiminy Cricket, (7.5) 2 V. Patent No. 1346. (Retail \$2.00 ea.; 3 or more \$1.75 ea.) Tangerine red buds opening to coral-orange. Bronze foliage turning to rich green. Vigorous grower ideal for hedges and borders. A.A.R.S. Award for 1955.				
110 No. 1	1.10	1.00	.95	----
80 No. 1½ .....	.88	.80	.76	----

ROSES—Continued

PATENTED FLORIBUNDA—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
Little Darling, (8.5) 2 F. Patent No. 1581. (Retail \$2.25 ea.; 3 or more \$2.00 ea.) Red orange on the outside changing to rose pink tones with buttercup yellow at center. Fine for corsages. Tall, bushy plant. Reddish-green foliage.				
900 No. 1	\$1.25	\$ 1.12½	\$ 1.05	\$.95
40 No. 1½	1.00	.90	----	----
Ma Perkins, (7.9) 2 V. Patent No. 1143. (Retail \$2.00 ea.; 3 or more \$1.75 ea.) Shades of red in the outer petals change to an open bloom of coral shell pink. A suffusion of yellow is present in all stages. Fragrant 25 petal blooms in clusters and singly all season.				
430 No. 1	1.10	1.00	.95	.85
130 No. 1½	.88	.80	.76	----
Masquerade, (7.8) 3 S. Patent No. 975. (Retail \$2.00 ea.; 3 or more \$1.75 ea.) Bloom clusters of yellow, red, pink, lemon and orange, 25 to 30 blooms per stem. Golden yellow center bud in each cluster opens first becoming rose pink and deepening to red.				
120 No. 1	1.10	1.00	.95	.85
90 No. 1½	.88	.80	.76	.68
Pinkie, (7.6) 1 S. Patent No. 712. (Retail \$2.00 ea.; 3 or more \$1.75 ea.) Medium size, semi-double flower of Neyron rose. Cupped blooms are borne in large trusses. Soft glossy foliage on a dwarf, bushy 2 foot plant. A.A.R.S. Award winner.				
300 No. 1	1.10	1.00	.95	.85
80 No. 1½	.88	.80	----	----
Red Pinocchio, (8.8) 2 F. Patent No. 812. (Retail \$1.75 ea.; 3 or more \$1.55 ea.) Masses of 3½ inch flowers in unfading clusters. Rich carmine; gradually deepens as blooms open. Vigorous; prolific bloomer.				
160 No. 1	1.00	.87½	.80	.75
110 No. 1½	.80	.70	.64	.60
Sarabande, () Patent No. 1761. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Semidouble blooms of unique scarlet orange and somewhat larger than those of most floribundas, bearing twelve to fifteen petals. Low growth habit and compact form make a suitable plant for hedges and border edgings. Blooms early and continuously throughout the season. A.A.R.S. Award Winner for 1960.				
260 No. 1½	1.12	1.00	.96	----

ROSES—Continued

PATENTED FLORIBUNDA—Continued

		10-20 Each	20-100 Each	100-250 Each	250-up Each
Spartan, (8.3) 2 V. Patent No. 1357. (Retails \$2.50 ea.; 3 or more \$2.20 ea.) Clusters of burnt orange buds open slowly to a huge high-centered hybrid tea shaped bloom of bright orange red. Strong vigorous plant blooms long and abundantly.					
130	No. 1	\$1.40	\$ 1.25	\$ 1.20	\$. . .
90	No. 1½	1.12	1.00	.96	. . .
The Texan (7.9) 3 V. Patent No. 1471. (Retails \$2.25 ea.; 3 or more \$2.00 ea.) Fragrant rose red with yellow base. Double, medium sized flowers continuously in bloom. Dark green foliage.					
120	No. 1	1.12	1.12½	1.05	.95
90	No. 1½	1.00	.90	.84	.76
Vogue, (8.2) 2 S. Patent No. 926. (Retails \$2.00 ea.; 3 or more \$1.75 ea.) Floribunda with its own unique brilliantly glowing cherry-coral color. Individual flowers three or four inches in diameter are Hybrid Tea shaped with perfect high centered form. They open slowly from a dark cherry ovoid bud to the delightful cherry-coral open flowers. Rich spicy fragrance. A.A.R.S. Award for 1952.					
90	No. 1	1.10	1.00	----	----
230	No. 1½	.88	.80	.76	----
White Bouquet, (7.5) 2 F. Patent No. 1415. (Retails \$2.50 ea.; 3 or more \$2.20 ea.) First white floribunda to win A.A.R.S. award, 1957. Spicy fragrant flowers to 4 inches across in clusters and as individual flowers. Golden yellow stamens. Dark green foliage. 18 to 24 inches tall.					
120	No. 1	1.40	1.25	1.20	1.10
90	No. 1½	1.12	1.00	.96	.83

PATENTED GRANDIFLORA ROSES

The new Grandiflora class consists of varieties relatively tall in growth, free flowering, often with many flowers in clusters but with individual stems long enough for cutting. The flower, though not necessarily as large as Hybrid Teas, is larger than the average Floribunda but with the bud and flower form of the Hybrid Tea.

		10-20 Each	20-100 Each	100-250 Each	250-up Each
Buccaneer, (7.3) 3 F. Patent No. 1119. (Retails \$2.50 ea.; 3 or more \$2.20 ea.) Perfect long buds open to a very bright unfading yellow. Profuse bloomer.					
110	No. 1	\$1.40	\$ 1.25	\$ 1.20	\$ ----
90	No. 1½	1.12	1.00	.96	----

ROSES—Continued

PATENTED GRANDIFLORA ROSES—Continued

	10-20 Each	20-100 Each	100-250 Each	250-up Each
Carrousel, (9.0) 3 F. Patent No. 1066. (Retail \$2.00 ea.; 3 or more \$1.75 ea.) Large double flowers of the Hybrid Tea class borne in clusters like a Floribunda. Continuous deep red flowers regardless of weather. Mildew resistant.				
170 No. 1	\$1.10	\$ 1.00	\$.95	\$ ----
120 No. 1½ .....	.88	.80	.76	----
June Bride, (7.5) 3 F. Patent No. 1770. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Fine pointed bud opens white tinged cream. Long lasting bloom both on bush and as cut flower. Does well in dry weather. Vigorous plant with excellent foliage.				
160 No. 1	1.40	1.25	1.20	----
130 No. 1½	1.12	1.00	.96	----
Montezuma, (8.5) 3 S. Patent No. 1383. (Retail \$2.75 ea.; 3 or more \$2.40 ea.) Long buds of bright scarlet-orange slowly change to an attractive salmon-orange as large double blooms unfold. Flowers in long-stemmed clusters. Free blooming.				
550 No. 1	1.50	1.37½	1.30	1.20
90 No. 1½	1.20	1.10	----	----
Queen Elizabeth, (9.0) 3 F. Patent No. 1259. (Retail \$2.50 ea.; 3 or more \$2.20 ea.) Pure pink blooms of the hybrid tea type borne on long stems. Glossy deep green foliage. A.A.R.S. Award for 1955.				
1130 No. 1	1.40	1.25	1.20	1.10
130 No. 1½	1.12	1.08	.96	----
Pink Parfait, () 3 F. Patent No. 1904. (Retail \$3.50 ea.; 3 or more \$3.10 ea.) Perfect buds and high centered blooms borne profusely on a robust plant, all ideal for cutting. Delicate pastel blends vary with the weather from salmon-buff at the heart of the flower to rich rose-pink at the tips of the petals. Disease resistant. A.A.R.S. Award 1961.				
260 No. 1	1.90	1.75	----	----
1420 No. 1½	1.52	1.40	----	----
Starfire, (8.1) Patent No. 1742. (Retail \$3.00 ea.; 3 or more \$2.65 ea.) Produces bright cherry-red blooms, both singly and in clusters, and is exceptionally hardy. Its growth is compact, and luxuriant bronze foliage sets off the blooms in a distinctive manner. 1959 A.A.R.S. Award.				
190 No. 1	1.65	1.50	1.40	1.30
110 No. 1½	1.32	1.20	1.12	1.04

BROWNELL SUB-ZERO HYBRID TEA

These plants from hardier species, Wichuraiana Hybrids, are reported by the originator as being equal in every way with the more tender Hybrid Teas. Many times longer lived even after sub-zero winters.

	10-20 Each	20-100 Each	100-250 Each
Curly Pink, (7.8) 3 F. Patent No. 842. (Retail \$1.85 ea.; \$18.00 per doz.) Large, very double deep rose-pink blooms borne profusely on a dwarf compact bush with dark glossy foliage.			
750 No. 1	\$1.00	\$.90	\$.85
440 No. 1½ .....	.80	.72	.68
Lily Pons, () 3 F. Patent No. 420. (Retail \$1.85 ea.; \$18.00 per doz.) Large, high-centered, spectrum-yellow center shading to white on outer petals. Long strong stems. Glossy foliage. Vigorous, profuse bloomer.			
240 No. 1	1.00	.90	.85
170 No. 1½ .....	.80	.72	.68
Orange Ruffels, (6.2) 2 F. (Retail \$1.85 ea.; \$18.00 per doz.) Long pointed bud opening into a double, curled and frilled flower of orange shading to saffron yellow. Dark glossy foliage.			
340 No. 1	1.00	.90	.85
140 No. 1½ .....	.80	.72	.68
Queen o' the Lakes, (7.6) 2 F. Patent No. 1003. (Retail \$1.85 ea.; \$18.00 per doz.) Large, double flowers of blood-red to carmine. Glossy foliage on a dwarf bushy plant.			
120 No. 1	1.00	.90	.85
80 No. 1½ .....	.80	.72	.68
V for Victory, (6.6) 3 V. Patent No. 543. (Retail \$1.85 ea.; \$18.00 per doz.) Long pointed buds open to double flowers of spectrum-yellow with red at center. Large glossy foliage on a vigorous bushy plant.			
110 No. 1	1.00	.90	.85
60 No. 1½ .....	.80	.72	.68

Peonies

The roots offered are strong 3/5 eye divisions, true to name, and from healthy 3 year old clumps.

Number after name of variety represents rating given it by the American Peony Society.

850	Felix Crousse , (8.4) Brilliant crimson of even tone and silky lustre. Midseason.		
730	Francois Ortegat , (8.7) Purplish crimson. Midseason.		
5600	Rachel , (7.9) Rose type. Large double garnet flowers. Midseason.		
Above varieties		Per 10 \$ 4.00	Per 100 \$ 35.00
920	Mary Brand , (8.7) Red with little trace of purple. Long lasting cut flower. Does not fade in sun. Midseason.	6.00	55.00

Hardy Perennial Plants

Our assortment of Hardy Perennials. Alpine and Rock Garden Plants includes a very select list of the newer varieties as well as indispensable old favorites.

We offer field grown, clean, well-rooted individual plants that are vigorous and free from disease.

Perennials are very perishable and should be shipped by express.

Perennials offered in this section are bare-root.

		Per 10	Per 100
ACHILLEA, Milfoil or Yarrow			
	Filipendulina (Fernleaf Yarrow). Golden floral heads during summer. Splendid for cutting and perennial border. 2 to 3 feet. ..	\$ 1.80	\$ 15.00
	Ptarmica, The Pearl (Sneezewort Yarrow). Large double white blooms during summer. Fine for cutting and borders. 18 inches.	2.10	18.00
ALTHEA rosea, Hollyhock.			
	Garden favorites in separate colors. Double.		
	Pink, Red, White, Yellow	1.80	15.00
ALYSSUM, Rock Madwort			
	Saxatile compactum, Goldentuft Alyssum. Large clusters of bright yellow flowers in early spring. Fine for rockery or border. One of the best early yellows to use with Tulips. 12 inches. ..	1.80	15.00
AQUILEGIA, Columbine. May-June.			
	Chrysantha , best long-spurred golden yellow flowers, 2½ ft. Late.	2.10	18.00
	Lavender and Blue Shades , long spurred flowers. 2 ft.	1.80	15.00
	Rose Queen , rose with white corolla. 18 in.	1.80	15.00
ASTERS, HARDY — Starwort or Michaelmas Daisy. Sept-Oct.			
	Beechwood Challenger , clear crimson-red, free-flowering. 3½ ft.	2.10	18.00
	Blue Lagoon , new variety of Nova-Belgii type.	2.10	18.00
	Mt. Everest , finest and best white. Very tall, well shaped, pointed pyramids, with an abundance of lateral growth, which flowers right down to the ground. Very small eye. 3 to 4 ft.	2.10	18.00
CHRYSANTHEMUMS			
Orders for fall delivery will be filled with 1 year field grown dormant plants. For spring delivery, we reserve the right to supply well-finished heavily rooted 2¼ inch pot plants.			
		Per 10	Per 100
	Algonquin , a very hardy variety with healthy foliage. Pure bright yellow flowers; large and double. Early.	\$ 1.80	\$ 15.00
	Butterball , double, ball-like dark lemon yellow. Mid-August. 18 inch plant.	2.10	18.00

HARDY PERENNIAL PLANTS—Continued**CHRYSANTHEMUMS—Continued**

	Per 10	Per 100
Chippewa , double blooms of bright aster-purple. Hardy. Early. \$ 2.10		\$ 18.00
Courageous , large, double flowers to 3½ inches. Dark ruby-red Late.	2.10	18.00
Early Harvest , double mahogany orange blooms for two months. Excellent cushion type. Early. 16 inches.	2.10	18.00
Glacier , double blooms of pure glistening white. Compact plant. Early. 16 inches.	2.10	18.00
Indiana , double blooms of rich velvety crimson shaded darker at center. Long stems. Late. 24 inches.	2.40	20.00
Magnificent , unusual rosy cardinal blooms on a fine plant. Mid-season.	2.10	18.00
Pink No. 1092 , lavender-pink upturned petals. Midseason. 18 in.	2.10	18.00
Purple Star , bright dahlia purple flowers of star-like shape. Early. 2 feet.	2.10	18.00
September Bronze , golden bronze pompon. Late. 12 inches.	2.10	18.00
Violet , double purple, dahlia like blooms. University of Minnesota introduction. Late August. 20 inches.	2.10	18.00
White Cloud , vigorous pure white with a touch of pink at the center. Midseason.	2.90	25.00

CHRYSANTHEMUMS — CUSHIONS

A group of low-growing Mums, forming mounds of blooms reminding one of the old-fashioned Azalea. The plants grow from 12 to 18 inches high and have a spread of from 2 to 2½ ft. The flowers appear early in September and remain on plants over a long period.

	Per 10	Per 100
Bronze Cushion , double flowers in compact mounds of bronze and copper.	\$ 1.80	\$ 15.00
Lipstick , bright mound of crimson-red flowers on compact plant. Mid-September. 15 in.	2.10	18.00
Minnbronze , short bronze cushion. September 20.	3.00	25.00
Minnpink , rose-pink double blooms on compact plant. Prolific and hardy. Mid-September. 12 in.	3.00	25.00
Pink Cushion , masses of light pink flowers in broad mounds.	1.80	15.00
Powder Puff , best of the whites. Ivory white blooms on plant often twice as wide as high. Early September. 12 in.	3.00	25.00
Purple Cushion , perfectly shaped, round bushy plants covered with purplish rose flowers with deep wine centers.	2.40	20.00
Red Cushion , a splendid improved early crimson red.	1.80	15.00
White Cushion , double white flowers.	1.80	15.00
Yellow Cushion , pure golden yellow blooms that last well.	1.80	15.00

CHRYSANTHEMUM MAXIMUM, Shasta Daisy, June-July.

Alaska Supreme , shapely plants, large flowers. June-July. .	1.20	10.00
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COREOPSIS, Tickseed

Mayfield Giant , large yellow blooms with firm, long stems. Fine cut flower. Good for background in perennial borders. 30 to 36 inches.	1.40	12.00
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DIANTHUS BARBATUS, Old Fashioned Sweet William.

This is the Old Fashioned Sweet William bearing flowers in great profusion in May and June. Excellent for cutting. We offer these in the following varieties.

Newport Pink , rich salmon pink. This variety being grown from seed is always partly mixed.	1.40	12.00
Nigricans , very dark crimson flowers; bronzy foliage.	1.40	12.00
Scarlet Beauty . 18 inches.	1.40	12.00

HARDY PERENNIAL PLANTS—Continued**DIANTHUS GRENADIN CARYOPHYLLUS
(HARDY CARNATION)**

This is the hardiest of all outdoor carnations. Very fragrant, fully double, producing flowers on long stems. The finest of all varieties.

	Per 10	Per 100
Cardinal, bright scarlet	\$ 1.80	\$ 15.00
Golden Sun, early, double, large clear yellow flowers.	1.80	15.00
Rose Queen Triumph, deep delicate pink.	1.80	15.00
White	1.80	15.00

DICENTRA, Bleeding Heart.

eximia, pink flowers. Fern leaves.	2.10	18.00
spectabilis, an old-fashioned favorite; its long racemes of graceful heart shaped pink flowers are always attractive. 12 in. Undivided plants. 3 to 5 eye.	4.50	40.00

GAILLARDIA

Burgundy, rich wine-red; excellent for cutting. 18 to 24 inches. ..	1.80	15.00
Dazzler, large golden and maroon flowers on strong stems. 18 inches.	1.80	15.00

GYPSOPHILIA, Baby's Breath.

paniculata, pinkish white. July. 2 feet.	1.20	10.00
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HEMEROCALLIS, Day Lily.

Flava, clear lemon-yellow, sweet scented, profuse. June. 2½ ft.	1.40	12.00
Hyperion, popular yellow with very large slightly fragrant flowers. Prolific bloomer. Mid-July to August. 3 feet.	3.20	30.00

HEUCHERA, Coral bells.

Brizoides, coral-pink, very prolific. May. 12 in.	1.50	13.00
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IBERIS, Hardy Candytuft.

sempervirens, each plant is a sheet of white in May and June. Plants are dwarf, deep green foliage almost evergreen. 8 in.	1.40	12.00
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LATHYRUS, Everlasting Sweet Pea.

latifolium, lovely trailing plant that blooms all summer. Pink, Red and White. Separate colors. 3 ft.	1.40	12.00
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LILY-OF-THE-VALLEY (Convallaria majalis)

Very fragrant pure white bell-shaped flowers for shaded locations.		
Pips .....	.40	3.50
Clumps (10 pips each)	2.90	25.00

LYTHRUM

Morden Rose, a neat compact plant of abundant dark green foliage. Rich rose red blooms in spikes to 4 feet.	3.50	30.00
The Beacon, for small border or large mass planting. The long lasting clear deep carmine-red flowers on large spikes are truly a beacon that adds sparkle and interest to the garden. Thrives equally well in wet semi-shade and open, dry sun. July to frost.	2.10	18.00

HARDY PERENNIAL PLANTS—Continued**PHLOX — Paniculata**

All varieties of Phlox are offered Field Grown; they have been twice transplanted, are vigorous and well developed.

	Per 10	Per 100
Adonis , scarlet crimson. Tall.	\$ 2.50	\$ 20.00
Antoinette Six , unusually large heads of pure white.	1.80	15.00
Border Queen , a fine gleaming rich pink.	1.80	15.00
B. Symone Jenne , large heads of clear pink.	2.10	18.00
Charles Curtis , brilliant sunset red. 2½ ft. Color does not fade.	2.10	18.00
Lillian , pure pink without any trace of magenta or rose. Very large florets. Blooms profusely.	1.80	15.00
Pink Charm , dwarf watermelon pink.	2.10	18.00
Pinkette , large florets of soft delicate pink.	2.10	18.00
Prime Minister , pure white and distinct crimson eye.	1.80	15.00
Progress , superb light blue, handsomely set off with deeper purple blue eyes, extremely large flower heads with 1¼ to 2 inch florets. Rich, dark green foliage. 2½ feet.	2.10	18.00
World Peace , pure white flowers are produced on strong sturdy stems. A vigorous grower with dark green glossy foliage. One of the best white.	2.50	20.00

PHLOX, subulata, Moss or Mountain Pinks.

Blue Emerald Cushion , a fine blue upon a mat of excellent emerald foliage.	2.10	18.00
Emerald Cushion , a new variety producing a mass of pure pink blooms. Plant is very compact and sturdy. Foliage is greenest of all creeping Phlox.	2.10	18.00
May Snow , an extremely free flowering pure white variety of neat habit. Delicate and pure. Height 6 inches.	2.10	-----
Moerheimi , an excellent Dutch introduction producing angel pink flowers in spring.	2.10	-----

PLATYCODON, Balloon Flower. June and July. 18 inch. Blue and Pink.

1.40 12.00

PYRETHRUM, Painted Daisy. May-June. 18 in.

hybridum roseum , soft pink and rose shades, single.	1.40	12.00
Robinsons Dark Crimson , flowers crimson scarlet and immensely large. Strong long stems and very free flowering.	2.10	18.00

SALVIA (Sage)

officinalis , edible, especially valuable for seasoning. 2 ft.	1.20	10.00
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SCABIOSA, Pincushion Flower.

House's Hybrids , large flowering shades of blue and lavender. 2 feet.	2.10	18.00
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TEUCRIUM, Germander

Chamaedrys , popular perennial hedge plant. Readily maintained to a height of 12 inches. Glossy, evergreen foliage.	2.50	22.50
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TRITOMA, Red Hot Poker

Springtime, upper part of flower is rich coral-red, lower half is ivory-yellow. Fine for cutting. Blooms early July to October. Hardy. 3 feet.	2.40	20.00
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YUCCA FILAMENTOSA

Creamy-yellow. 6 foot. This plant with its broad sword-like evergreen foliage is indispensable in landscape work. It can be used either for lawn or rockery and stands out among all other plants. June-July. From root divisions.	2.10	18.00
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HARDY PERENNIAL PLANTS—Continued

MEXICAN TUBEROSES

This is the best of all Tuberoses. Single flowering and very fragrant. Blooms July and August.

	Per 10	Per 100	Per 1000
No. 1	\$.80	\$ 7.50	\$ 65.00

Lilies

Domestic Grown

	Per 10	Per 100
<i>tenuifolium</i> (Coral Lily) Narrow-leaved; deep scarlet, waxen recurved flowers. June. 15 in.		
No. 1	\$ 1.00	\$ 8.00
No. 2 .....	.70	6.00



THE NEW PLANT HARDINESS ZONE MAP

All plants zoned in this list are in accordance with the above map.
Issued in May 1960 by the United States Department of Agriculture and the Agricultural Research Service.

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